

THE UNIVERSITY OF OKLAHOMA

GRADUATE COLLEGE

THE CONSTRUCTION OF SPELLING TESTS FOR GRADES TWO THROUGH  
EIGHT BASED ON THE RINSLAND WORD LIST

A DISSERTATION

SUBMITTED TO THE GRADUATE FACULTY

in partial fulfillment of the requirements for the

degree of

DOCTOR OF EDUCATION

BY


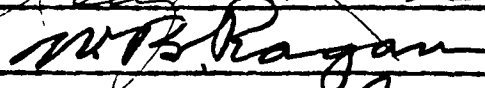
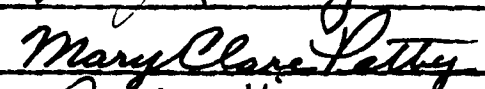
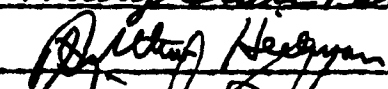
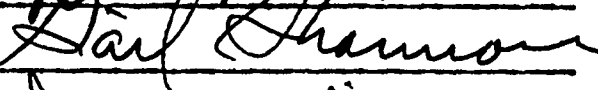
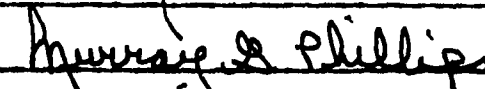
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1956

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APPROVED BY

  
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DISSERTATION COMMITTEE

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CHAPTER I

PURPOSE AND BACKGROUND

Introduction

Early research to determine what words should be included in spellers, spelling tests, and spelling scales was based upon word counts taken from adult writing. This writing was of many forms: formal and informal correspondence, business correspondence, adults' writing for children, and others. Since the basis of this early research is adult usage, the vocabulary lists made from the research are composed primarily of words which reflect adult needs rather than child needs.

Jones<sup>1</sup>, in his investigation of 1913, presented a different approach to determine children's vocabulary needs when he used the writing of children in eight schools, grades 2-8, located in the states of Illinois, Iowa, Maryland, and

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<sup>1</sup>W. Franklin Jones, Concrete Investigation of the Material of English Spelling (Vermillion, S. Dak.: University of South Dakota, 1913).



South Dakota. He found 4,532 different words in 15,000,000 running words. The fact that he did not publish percentage of difficulty or frequency findings of specific words limits the value of this research. If he thought that derivatives of words added little or no difficulty, he arbitrarily omitted them from his list.

Recent data raise some question as to Jones's reported findings. In 15,000,000 running words he found only 4,532 different words, omitting derivatives. Rinsland<sup>1</sup>, in his study of 1945, tabulated 6,000,000 running words and found 25,632 different words, including derivatives.

Even though these weaknesses exist in the Jones study, it did call attention to the need for further research in children's vocabulary. It now seems to be generally accepted that the best index of the vocabulary needs of children is the child's own usage of words.

#### A Chronological Summary of Spelling Scales

A spelling scale is composed of a long list of graded words from which the teacher builds his own spelling test, whereas in the spelling test, the selection of words has already been determined by the author.

Leonard P. Ayres<sup>2</sup> (1915) pioneered in the field of

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<sup>1</sup>Henry D. Rinsland, A Basic Vocabulary of Elementary School Children (New York: The Macmillan Co., 1945).

<sup>2</sup>Leonard P. Ayres, A Measuring Scale for Ability in Spelling (New York: Russell Sage Foundation, 1915).

building spelling scales. He built his list of 1000 words from two major sources: The Spelling Vocabularies of Personal and Business Letters<sup>1</sup>, and A Child and His Spelling<sup>2</sup>. In addition to these two sources there are two lesser sources.<sup>3</sup>

The Ayres Scale was intended to contain the 1000 most commonly used words in writing; and even though subsequent research by Thorndike, Rinsland, Hildreth, Fitzgerald, and others shows that it contains many words outside the first 1000 as used by children, it has been widely accepted.

Buckingham<sup>4</sup> (1918) made a study of spelling books then in use to determine what words were common to these spellers. He then added 505 words to the Ayres Scale. This new scale is known as the Buckingham Extension.

Thorndike<sup>5</sup> (1921) tabulated almost 5,000,000 running words from the Bible, English classics, children's literature,

<sup>1</sup>Leonard P. Ayres, The Spelling Vocabularies of Personal and Business Letters (New York: Russell Sage Foundation, 1913).

<sup>2</sup>W. A. Cook and M. V. O'Shea, A Child and His Spelling (Indianapolis: Bobbs-Merrill, 1914).

<sup>3</sup>These sources are listed by Ayres in A Measuring Scale for Ability in Spelling, pp. 4-5, but the publisher is not given for either nor are these publications available to this writer. Rev. J. Knowles, The London Point System for the Blind (London, 1904) and R. C. Eldridge, Six Thousand Common English Words (Niagara Falls, 1911).

<sup>4</sup>B. R. Buckingham, The Buckingham Extension of the Ayres Spelling Scale (Bloomington, Ill.: Public School Publishing Co., 1918).

<sup>5</sup>Edward L. Thorndike, The Teacher's Word Book (New York: Bureau of Publications, Teachers College, Columbia University, 1921).

elementary school textbooks, other books, daily newspapers, and adult correspondence. Forty-one sources in all were the basis for the first Thorndike word book. While he cautions against the assumption that his list is a spelling scale, it has often been employed as a source for words in spelling scales.

Ashbaugh<sup>1</sup> (1922) constructed the Iowa Spelling Scales using the Andersen<sup>2</sup> study as a source for the words. The Andersen study was based upon 3823 personal and business letters from adults with a total of 361,184 running words. Although he found 9223 different words, his published list is of the 3087 words which occurred more than four times.

Morrison and McCall<sup>3</sup> (1923) used the Thorndike list (1921) and the Ayres Scale for the selection of words to be placed in their spelling scale. Guy<sup>4</sup> (1929) does not give the source of words used in his scale. Thorndike<sup>5</sup> (1932)

<sup>1</sup>Ernest J. Ashbaugh, Iowa Spelling Scales (Bloomington, Ill.: Public School Publishing Co., 1922).

<sup>2</sup>W. N. Andersen, Determination of a Spelling Vocabulary Based Upon Written Correspondence, University of Iowa Studies in Education, Vol. II, No. 1 (Iowa City: University of Iowa, 1921).

<sup>3</sup>J. Cayce Morrison and William A. McCall, Morrison-McCall Spelling Scale (Yonkers-on-Hudson: World Book Co., 1923).

<sup>4</sup>J. Freeman Guy, Guy Spelling Scale (Bloomington, Ill.: Public School Publishing Co., 1929).

<sup>5</sup>E. L. Thorndike, A Teacher's Word Book of the Twenty Thousand Words Found Most Frequently and Widely in General Reading for Children and Young People (New York: Bureau of Publications, Teachers College, Columbia University, 1932).

published his second word book, which, like the 1921 edition, has been used as a source for words for spelling scales. In this book he used approximately 200 additional sources to count 5,000,000 running words. Williams<sup>1</sup> (1934) used the Buckingham Extension for the source of words in his scale.

Bixler<sup>2</sup> (1940) constructed an elementary spelling scale, drawing his words from his investigation of the vocabularies of 27 word lists and spellers, including the Buckingham Extension, the lists by Gates<sup>3</sup>, by Horn<sup>4</sup>, and the Thorndike word book of 1932. He listed 3679 different words with the percentage of pupils who could spell them in the grade in which they were taught, and for the grades above and below the grade in which they were taught.

Thorndike and Lorge<sup>5</sup> (1944) published an addition to the earlier Thorndike word books. The authors used the basic data found in Thorndike's two previous word books plus three

<sup>1</sup>A. J. Williams, Buffalo Spelling Scale (Bloomington, Ill.: Public School Publishing Co., 1934).

<sup>2</sup>Harold H. Bixler, The Standard Elementary Spelling Scale (Atlanta: Turner E. Smith and Co., 1940).

<sup>3</sup>A. I. Gates, Spelling Difficulties in 3876 Words (New York: Bureau of Publications, Teachers College, Columbia University, 1937).

<sup>4</sup>Ernest Horn, A Basic Writing Vocabulary. 10,000 Words Most Commonly Used in Writing, University of Iowa Monographs in Education, No. 4 (Iowa City: University of Iowa, College of Education, 1926).

<sup>5</sup>Edward L. Thorndike and Irving Lorge, The Teacher's Word Book of 30,000 Words (New York: Bureau of Publications, Teachers College, Columbia University, 1944).

tabulations of over 4,555,000 running words each. This book, like the two preceding Thorndike books, was not written as a spelling scale, but has been used as a source for words to go into spelling scales.

Greene<sup>1</sup> (1955) published the New Iowa Spelling Scale based on Horn's Guide List which is an unpublished compilation utilizing data from Horn<sup>2</sup>, Ashbaugh<sup>3</sup>, Rinsland<sup>4</sup>, Brittain and Fitzgerald<sup>5</sup>, Fitzgerald<sup>6,7</sup>, Thorndike and Lorge<sup>8</sup>, and several lesser studies.

#### A Chronological Summary of Spelling Tests

Both spelling scales and tests are based upon vocabulary studies; but since spelling scales preceded tests, many

<sup>1</sup>Harry A. Greene, The New Iowa Spelling Scale (Iowa City: State University of Iowa, 1955).

<sup>2</sup>Ernest Horn, op. cit.

<sup>3</sup>Ernest Ashbaugh, op. cit.

<sup>4</sup>Henry D. Rinsland, op. cit.

<sup>5</sup>Frances J. Brittain and James A. Fitzgerald, "The Vocabulary and Spelling Errors of Second-Grade Children's Themes," Elementary English Review, XIX (February, 1942), 43-50.

<sup>6</sup>James A. Fitzgerald, "The Vocabulary, Spelling Errors and Situations of Fourth, Fifth, and Sixth Grade Children's Letters Written in Life Outside the School," (Unpublished Ph.D. dissertation, Education Department, University of Iowa, 1931).

<sup>7</sup>James A. Fitzgerald, "The Vocabulary and Spelling Errors of Third Grade Children's Life-Letters," Elementary School Journal, XXXVIII (March, 1938), 518-27.

<sup>8</sup>Edward L. Thorndike and Irving Lorge, op. cit.

of the tests have been based upon the scales. Some spelling tests are included in batteries of achievement tests, but the following discussion is limited to tests which are entities and excludes those which are part of batteries.

1. The words in the Davis-Schrammel Test<sup>1</sup> (1935) are taken from the Buckingham Extension.
2. Speer and Smith<sup>2</sup> (1936) do not give the source of the words found in their tests.
3. Gates and Russell<sup>3</sup> (1937) used Russell's Characteristics of Good and Poor Spellers<sup>4</sup> as a reference in their diagnostic tests, but no mention is made of the source of their words; however, in the case of diagnostic tests, words are selected to fulfill the requirements for diagnosis rather than for achievement.
4. Schrammel et al.<sup>5</sup> (1941) based their selection of words on the Ayres Scale, the Ashbaugh Scale, and the Thorndike word book of 1932.
5. Spache<sup>6</sup> (1942) gives no data as to how the words were selected in his test of spelling errors.

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<sup>1</sup>Vera Davis and H. E. Schrammel, Davis-Schrammel Spelling Test (Emporia: Kansas State Teachers College, 1935).

<sup>2</sup>R. K. Speer and S. Smith, Spelling Test: National Achievement Tests (Rockville Center, N. Y.: Acorn Publishing Co., 1936).

<sup>3</sup>A. I. Gates and D. H. Russell, Gates-Russell Spelling Diagnosis Tests (New York: Bureau of Publications, Teachers College, Columbia University, 1937).

<sup>4</sup>D. H. Russell, Characteristics of Good and Poor Spellers, Teachers College Contributions to Education No. 727 (New York: Columbia University, 1937).

<sup>5</sup>H. E. Schrammel et al., Kansas Spelling Test (Emporia: Kansas State Teachers College, 1941).

<sup>6</sup>George Spache, Spelling Errors Test (Tallahassee: University of Florida, 1942).

6. Lincoln's<sup>1</sup> test (1947) is based upon Gates's<sup>2</sup> list of spelling difficulties, and Betts's<sup>3</sup> vocabulary study (1940).

### Need for This Study

The selection of words in most spellers and spelling tests has been from lists made from both adult and child sources. Hildreth<sup>4</sup> discusses research which points out that the vocabulary used in formal writing by adults has less relationship to the words used by children in their writing than does the vocabulary used in informal adult writing. As early as 1923 Washburne<sup>5</sup> showed that children use many words not in adult correspondence and vice versa, and his research indicates that over half the words in adult writing would be wasted on children.

Dale<sup>6</sup> found only a 59.5 per cent agreement between five studies of children's writing vocabularies and the Horn

<sup>1</sup>A. L. Lincoln, Lincoln Intermediate Spelling Test (New York: Educational Records Bureau, 1947).

<sup>2</sup>A. I. Gates, A List of Spelling Difficulties in 3876 Words (New York: Bureau of Publications, Teachers College, Columbia University, 1937).

<sup>3</sup>E. A. Betts, Spelling Vocabulary Study. Grade Placement of Words in Seventeen Spellers (New York: American Book Co., 1940).

<sup>4</sup>Gertrude Hildreth, Teaching Spelling (New York: Henry Holt Co., 1955), 134-37.

<sup>5</sup>Carleton Washburne, "A Spelling Curriculum Based on Research," Elementary School Journal, XXIII (June, 1923), 751-62.

<sup>6</sup>Edgar Dale, Comparison of the Commonwealth Word List and the Writing Vocabulary of Children (Chicago: University of Chicago, Department of Education, 1927).

study. Fitzgerald<sup>1</sup> found 1972 words occurring in both the 3000 most common words used by children in writing letters and the 4000 most common adult used words as found in the Horn list. These studies give further indication that adult usage as a criterion is not as suitable for the selection of words for children as is child usage.

Hildreth's<sup>2</sup> comparison of the Rinsland list with the adult lists of Thorndike, Horn, Betts, and Ayres confirm the earlier findings.

Rinsland<sup>3</sup> says ". . . that children, especially in the elementary school, do not use words with the same frequency as adults and that adult usage is therefore a more or less invalid criterion." Ledbetter<sup>4</sup> found an average correlation for eight grades of .51 (by the mean square contingency method) between the Thorndike (1921) frequency placement by hundreds and thousands and the frequency placement as shown in the Rinsland study. All of these studies show that literary and formal adult correspondence is quite different from

<sup>1</sup>James A. Fitzgerald, A Basic Life Spelling Vocabulary (Milwaukee: The Bruce Publishing Co., 1951), 34.

<sup>2</sup>Gertrude Hildreth, "An Evaluation of Spelling Word Lists and Vocabulary Studies" Elementary School Journal, LI (January, 1951), 254-65.

<sup>3</sup>Henry D. Rinsland, A Basic Vocabulary of Elementary School Children (New York: The Macmillan Co., 1945), 4.

<sup>4</sup>Linnie Mae Ledbetter, "The Agreement Between Children's and Adults' Vocabularies" (Unpublished Master's thesis, University of Oklahoma, 1933).



the all-round writing of children.

Makers of tests frequently base the selection of words on the present needs of children plus the future needs; the present needs being those words found in child vocabulary studies and future needs being those found in adult vocabulary studies. The fallacy of this approach is that it is doubtful that anyone can predict the spelling needs of adults; because after the most common 1000-2500 words are learned, the vocabulary needs become more specialized. Even if it were possible to predict the adult needs, it is highly probable that by the time the child reaches adulthood and needs a given word, he will have forgotten its spelling if he has not actually used it in the interim.

It follows, therefore, that the best single source for selecting words to go into spellers and spelling tests for children is children's words. The Rinsland list has been widely used as a source of words for spellers<sup>1</sup>, as a reference

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<sup>1</sup>Jewell Askew, Nelle McCorkie, and Harold Graves, Steps to Good Spelling (Dallas: Banks, Upshaw and Co., 1950); Lillian E. Billington, Using Words With Power (New York: Silver-Burdett, 1950); Richard H. Bloomer, A Phonetically Consistent Graded Word List for Primary Grades (Wichita: Mimeographed, 1954); James A. Fitzgerald, A Basic Life Spelling Vocabulary (Milwaukee: Bruce Publishing Co., 1951); Arthur I. Gates et al., The Pupils' Own Vocabulary Speller (New York: The Macmillan Co., 1944); Ernest Horn and Ernest J. Ashbaugh, Spelling We Use (Philadelphia: Lippincott, 1950); Jesse S. Hudson and Charles C. Mason, Spelling Growth (Oklahoma City: The Economy Co., 1947); May B. Labader, William Kottmeyer, and Rose Wichey, Spelling Goals (St. Louis: Webster Publishing Co., 1945); Ervin Eugene Lewis, E. B. Lewis, and Herman L. Shibley, We Spell and Write (Wichita: McCormick-Mathers, 1947); Prima Indian Agency, Prima Education (Prima Indian Agency, 1945); Don C. Rogers, The Children's Word Book (Chicago: Wheeler Publishing Co., 1940).

in college textbooks<sup>1</sup>, as well as a criterion list<sup>2</sup> in evaluating spelling scales and elementary texts.

Hildreth<sup>3</sup>, Fitzgerald<sup>4</sup>, and others agree that the Rinsland list is the most extensive of recent studies of words used in children's writing. The research reported here shows that it is more widely used in recent spellers and more widely used as a source for words in children's literature than any other single source.

<sup>1</sup>Glenn Myers Blair, R. Stewart Jones, and Ray H. Simpson, Educational Psychology (New York: The Macmillan Co., 1945); James A. Fitzgerald, The Teaching of Spelling (Milwaukee: Bruce Publishing Co., 1951); Gertrude Hildreth, Learning the Three R's (Minneapolis: Educational Publishers, Inc., 1947); Gertrude Hildreth, Teaching Spelling (New York: Henry Holt and Co., 1955); Virgil S. Mallory et al., Using Arithmetic (Chicago: Benjamin H. Sanborn and Co., 1946); William B. Ragan, Modern Elementary Curriculum (New York: Dryden Press, Inc., 1953); Jerome M. Seidman, Readings in Educational Psychology (Boston: Houghton-Mifflin Co., 1955); Herbert Sorenson, Psychology in Education (New York: Henry Holt and Co., 1951); Ruth Strickland, The Language Arts in the Elementary School (Boston: D. C. Heath, 1951).

<sup>2</sup>Gertrude Hildreth, "A Comparison of the Dale, Dolch, and Rinsland Word Lists," The Journal of Educational Psychology, XXXIX (January, 1948), 39-41; George Kyte, "A Core Vocabulary in the Language Arts," Phi Delta Kappan, XXXIV (March, 1953), 231-4; Henry D. Rinsland, "Word Meanings in Children's Writings," Elementary English, XXVIII (April, 1951), 221-5, 253; John Conrad Seegers, "Vocabulary Problems in the Elementary School," The National Conference on Research in English, Seventh Annual Research Bulletin (Chicago: Scott, Foresman and Co., 1939), 6; Sister M. Dorothy, O.P., and Sister Rita Cecile, O.P., "A Vocabulary Analysis of Recently Published Pre-Primers," Journal of Educational Research, XL (October, 1946), 116-25; Arthur E. Traxler and Agatha Townsend, "Eight More Years of Research in Reading, Summary and Bibliography," Educational Records Bulletin, No. 64 (January, 1955), 143.

<sup>3</sup>Gertrude Hildreth, Teaching Spelling, 133.

<sup>4</sup>James Fitzgerald, A Basic Life Spelling Vocabulary, 18.

Apart from its wide usage in spellers, it has been utilized by Hildreth to develop the New York City Lists<sup>1</sup> and by Rogers<sup>2</sup> in writing spellers for the city of Chicago.

While the Rinsland list has been used extensively, and it may be assumed to be the most valid single source of words to be used in spelling tests for elementary school children, prior to this study it has never been put to this use.

#### Statement of the Problem

The purposes of this study were:

1. To build two comparable forms of a spelling test for each grade.
2. To make all tests in multiple-choice form to facilitate machine or punched key scoring.
3. To standardize the tests on a nation-wide basis, so as to justify their usage on a wide scale.
4. To select words from the Rinsland list on the basis of frequency of usage by children as disclosed in his study and the level of difficulty based on an item analysis of responses of approximately 7000 pupils which comprise the standardization population of this study.

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<sup>1</sup>Board of Education of the City of New York, Spelling Lists, A, B, and C (New York: Board of Education of the City of New York, 1954).

<sup>2</sup>Don C. Rogers, op. cit.

## CHAPTER II

### THE EXPERIMENTAL PROCEDURE

#### Selection of Words

There are primarily two methods of selecting words for spellers and spelling tests: (1) successive subtraction from grade to grade which utilizes the frequency of usage as found in a particular grade; (This technique was used by Gates et al.<sup>1</sup> in their spellers.) and (2) the Hildreth<sup>2</sup> method which takes the grand total from the Rinsland list and presents words in order of frequency, the lower grades using the words of higher frequency. Because of its simplicity and established validity, the Hildreth method will be followed in this study.

Hildreth took all the words from the Rinsland list that had a total frequency of 25 or more for all grades combined, plus a selection of 483 words in the frequency interval of 10-24. The resulting list contained approximately 7200 words. She then divided the list into ten levels with level

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<sup>1</sup>Arthur I. Gates et al., The Pupil's Own Vocabulary Speller (New York: The Macmillan Co., 1950).

<sup>2</sup>Gertrude Hildreth, Teaching Spelling, 301-303.

one containing those words that are most frequently used and level ten, those that are least frequently used.<sup>1</sup>

Preliminary investigations indicated that the higher the grand total for any word, the higher the correlation in frequency of use at all grade levels. Hildreth<sup>2</sup> took a sampling of 100 words arranged in order of frequency for grade four, grade six, and grade eight, as given in the Rinsland list and compared the rank order of each word in a grade with the combined or grand total for the word. This comparison showed little change in rank order. The median deviations of frequency rank are considerably less for the forty most frequently used words (3.0-5.2) than for the total list (4.12-12.0). An uncommon word has greater divergence in frequency of use in different grades.

Hildreth<sup>3</sup> also determined the comparative frequency of word usage by computing the range of grades in which a given word is used. This computation gives a rough estimate of the extent to which a word is used consistently. She selected 25 words by random sampling in levels 1, 2, 4, 5, and 9 according to her classification; then each word was

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<sup>1</sup>Dr. Margaret Parke formerly of the New York City School System modified the Hildreth list, retaining approximately 5000 words in ten levels. This list is now being used in the New York City Schools.

<sup>2</sup>Gertrude Hildreth, "Inter-Grade Comparisons of Word Frequencies in Children's Writing," Journal of Educational Psychology, XLIV (November, 1953), 429-34.

<sup>3</sup>Gertrude Hildreth, Teaching Spelling, 306-7.

found in the Rinsland list which gives a classification of frequency; i.e., if a given word is among the first thousand most frequently used words in a particular grade, it is given the designation of 1, the second thousand 2, etc. The range in frequency of use was computed for each word. A range of one to five means first to fifth thousand, etc. She found the following median ranges in grade frequency: level one, 0; level two, 2; level four, 2.44; level five, 2.67; and level nine, 6.

The results of these two studies point out that the more commonly a word is used in general, the more commonly it is used in all grades from first through eight, and conversely, the less frequently used words from grade to grade are also those words that have the lowest grand total. Thus, the grand total as found in Rinsland's list constitutes a valid and reliable index for all sequential gradation of words. The grand total is also more representative of wide selection from other sources.

The writer selected only those words in the Rinsland list that had a total frequency of 25 or more. The resulting list gave a total of 6850 different words, including abbreviations and contractions. Each word was coded on an IBM card, according to alphabetical order and total frequency as found on the Rinsland list. Two lists of the words were made, one placed the words in alphabetical order, the other listed the words on the basis of frequency occurrence from the highest

(284,145) to the lowest (25). It was from this list that the words to be used in the spelling tests were taken.

### Sampling of Words Selected

In order to determine how wide the sampling should be, spellers for the elementary grades were consulted to see how many words are taught in each grade. Available published data for spellers are given in Table 1.

There was no way of arriving at the exact number to be sampled; so after consultation with the writer's major professor, it was decided that 100 per cent coverage was neither possible nor necessary, but rather that approximately 85 per cent would be sufficient. The number to be sampled in each grade was within the proximity of 85 per cent of the largest number of words taught in any speller listed. The number of words to be sampled in each grade with the corresponding frequency range within that grade is found in Table 2.

The writer then computed the coefficient of contingency to show the relationship between the gradation of words by the Hildreth method and the method used by Gates et al. Of the 3760 words sampled, 3088 were common to both lists. For the most part the words that were in the writer's list but not in the Rinsland-Gates list are derivatives. Table 3 shows how the 3088 words common to both lists were graded according to the two methods mentioned. The coefficient of contingency for these two studies is .753, which shows a

**TABLE 1**  
**THE NUMBER OF WORDS TAUGHT IN ELEMENTARY GRADES**  
**ACCORDING TO PUBLISHED SPELLING TEXTS**

Speller	Publisher	Grade							Total
		2	3	4	5	6	7	8	
New Learning Words	Sanborn	404	507	630	630	665	665	652	4,153
Pupil's Own Vocabulary	Macmillan	339	485	597	626	637	649	651	3,984
We Spell and Write	McCormick-Mathers	362	501	548	630	630	630	630	3,931
The New Stanford Speller	Laidlaw Brothers	192	320	576	640	640	768	768	3,904
Word Mastery Speller	Charles E. Merrill	295	443	493	556	600	672	704	3,763
Spelling Goals	Webster	278	378	485	550	580	640	640	3,551
Word Power Through Spelling	Silver-Burdett	250	350	490	555	595	645	660	3,545
Using Words With Judgment	Silver-Burdett	250	350	490	555	595	645	660	3,545
Success in Spelling	World Book Company	260	350	450	540	600	600	600	3,400
Spelling We Use	Lippincott	270	480	476	510	510	510	510	3,194
New Spelling Goals	Webster	200	328	450	480	510	540	540	3,048
Better Spelling*	Hinds, Hayden & Eldredge	—	450	600	600	750	—	—	2,400**
Building Spelling Power*	Houghton-Mifflin	200	280	360	470	490	—	—	1,800**
	Median	260	378	490	555	600	645	751	3,551

\*Series does not include all grades (2-8).  
 \*\*Total was not used in determining median.



TABLE 2

NUMBER OF WORDS SAMPLED BY GRADE AND THE  
FREQUENCY RANGE WITHIN EACH GRADE

Grade	Words Sampled	Frequency Range
2	350	284,145-2,007
3	460	2,004-735
4	500	733-388
5	550	387-229
6	600	228-149
7	650	148-102
8	<u>650</u>	101-74
Total 3760		

relatively high degree of relationship between the two methods. The highest possible coefficient that can be attained in seven categories (grades 2-8) is .926 (Garrett<sup>1</sup>).

To select those words to be used in the test forms, a sampling method was employed which utilized the list of words in frequency order. In grade one for example, there were 350 words from which 200 were to be used in the test form; that is, 100 in each of the two forms. Every third word was selected: for example, the first, the fourth, the seventh, etc. until the total of 100 was reached. To determine the order

<sup>1</sup>Henry E. Garrett, Statistics in Psychology and Education (New York: Longmans, Green and Co., 1954), 368-70.

TABLE 3

A COMPARISON OF GRADATION OF WORDS BY THE GATES-RINSLAND METHOD AND THE HILDRETH METHOD INCLUDING PERCENTAGE FINDINGS AND THE COEFFICIENT OF CONTINGENCY

Gates and Rinsland

Grade	2	3	4	5	6	7	8	Total
8	N = 1 .2%		N = 22 4.9%	N = 82 18.1%	N = 134 29.6%	N = 155 34.2%	N = 59 13.0%	453
7	N = 2 .4%	N = 8 1.7%	N = 45 9.6%	N = 128 27.4%	N = 144 30.8%	N = 108 23.1%	N = 33 7.0%	468
6		N = 18 3.6%	N = 89 17.7%	N = 206 41%	N = 122 24.3%	N = 53 10.6%	N = 14 2.8%	502
5	N = 1 .2%	N = 54 11.9%	N = 189 41.6%	N = 116 25.6%	N = 70 15.4%	N = 20 4.4%	N = 4 .9%	454
4	N = 7 1.6%	N = 117 26.1%	N = 250 55.8%	N = 45 10.0%	N = 17 3.8%	N = 7 1.6%	N = 5 1.1%	448
3	N = 54 13.0%	N = 254 61.4%	N = 88 21.3%	N = 10 2.4%	N = 5 1.2%	N = 3 .7%		414
2	N = 273 78.2%	N = 75 21.5%			N = 1 .3%			349
Total	338	526	683	587	493	346	115	3088

Hildreth

19

Coefficient of Contingency = .753  
Limit of 7 categories is .926

of the second 100 words for the alternate test form, the third, the sixth, the ninth, etc. words were used until 100 were selected. A similar procedure was followed for each grade level.

### The Multiple Choice Form

Multiple-choice items were used in tests rather than oral dictation items because: (1) the dictation method requires hand scoring and deciphering the pupils' handwriting; (2) a multiple-choice test will permit more objectivity in scoring as well as make machine scoring possible; (3) a multiple-choice test removes the possibility of faulty pronunciation on the part of the examiner; (4) a multiple-choice test allows for the individual to determine his own rate rather than to follow the teacher's rate; and (5) a multiple-choice test saves a considerable amount of time in administering and scoring.

Proponents of the dictation test are of the opinion that a multiple-choice test requires a different type of ability -- proof reading to identify errors in spelling. The mental processes required in recalling the correct spelling of a word are probably comparable to those processes required to identify the one correct spelling in a group of words. The pupil compares several ways of spelling a word in the dictation form just as he does in the multiple-choice form; also after he has written the word in the dictation test, he

visually examines it to determine its correctness. Actually he may write the word a number of times before he decides upon the correct form.

A second objection offered is that the multiple-choice test may tend to reinforce poor spelling habits. It is unlikely that a pupil will tend to accept a particular misspelling in a brief exposure on a test, if he has not learned to spell the word correctly after a continuous teaching and learning process.

It has been shown by experimental evidence collected by Luntz<sup>1</sup> that the multiple-choice form is as valid as the dictation form. Dictation is not a perfectly valid form itself as is often claimed, because hints to the correct spelling are given by the examiner through sounds.

Nelson and Denny<sup>2</sup> obtained correlations of .87 to .93 in using the same words in these two types of tests. These tests were for grades four through eight, and the list of words used had been standardized by previous research.

Sturdyvin<sup>3</sup> found a correlation of .88 in an experiment that he conducted with the two types of forms.

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<sup>1</sup>Lester Luntz, "A Comparison of Results Obtained with Dictation and Multiple-Choice Spelling Tests," Educational Records Bulletin, No. 65 (February, 1955), 76-84.

<sup>2</sup>M. J. Nelson and E. C. Denny, "The Multiple-Choice Spelling Test," School and Society, XXXIV (July 4, 1936), 15-18.

<sup>3</sup>Evelyn M. Sturdyvin, "Note on Recognition Versus Recall as Methods of Testing Spelling," Journal of Educational Psychology, XXVIII (May, 1937), 394-96.

Traxler<sup>1</sup> concluded from his experiment with the multiple-choice subtest of the Cooperative English Test and a list-dictation test which contains different words that the correlation could be estimated at about .80 after correction for attenuation.

Lennon<sup>2</sup> found correlations from .71 to .92 between the Stanford Spelling Test (multiple-choice) and the dictation test of the Metropolitan Achievement Test.

The Educational Records Bureau<sup>3</sup> in 1952 found correlations ranging between .79 and .86 on the Lincoln Intermediate (dictation) and the Stanford Achievement, Form K (multiple-choice).

It can be concluded that there is such a high correlation between scores of the dictation type and the multiple-choice type of spelling test that one can be used as well as the other. Therefore, for the reasons listed, the multiple-choice form was used.

There are 100 test items in each experimental form. These words are presented in short sentences. There are four possible choices given from which the person taking the test marks the number corresponding to the correct answer. Three possible spellings are given and the fourth column, D for

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<sup>1</sup>Arthur E. Traxler, "The Relation Between a Multiple-Choice Spelling Test and a List Dictation Test," (Unpublished manuscript, March, 1938, in author's personal file).

<sup>2</sup>Roger T. Lennon, Personal communications, June 28, 1954; November 15, 1954 as found in Lester Luntz, op. cit., 84.

<sup>3</sup>Lester Luntz, op. cit., 81-83.

different, is to be used if the correct spelling is not given as one of the three spellings. The sentences are fitted to the spacing of a standard IBM answer sheet and the spaces for marking responses are duplicated so the tests can be scored mechanically. Sample tests may be found in the pocket in the back of this dissertation.

Misspellings for foils were taken from Gates.<sup>1</sup> In those cases where he listed three misspellings, all three were used on the test. Where no misspellings were given, the writer devised his own.

The teachers in the University Laboratory School cooperated in running a pilot study to aid in the development of test directions and in evaluating the sentence structure and the vocabulary level.

### Distribution

Distribution was made on the basis of controlled-stratified sampling. The California Test Bureau is interested in this research and conducted the distribution. The sampling was controlled by these strata: grade levels, geographical areas, population density, basic pattern, and limiting samples. Each of these is briefly discussed below.

#### Grade Levels

Each grade level, two through eight, for which the tests are designed, is to be sampled.

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<sup>1</sup>Arthur I. Gates, A List of Spelling Difficulties in 3876 Words (New York: Bureau of Publications, Teachers College, Columbia University, 1937).

### Geographical Areas

For purposes of selecting these samples, the forty-eight states have been consolidated into eighteen cells. Principal among the criteria for consolidation were the following: average expenditures per student for instructional purposes; comparability of average scores upon draft deferment examination; length of school term; urban-rural characteristics; type of school organization; attitudes and cultural characteristics; and number of pupils enrolled in public schools. In the final analysis, some states were just arbitrarily put together. Each cell has sufficient school population so that statistically weighting factors can be computed for use in the final consolidation for standardization. The per cent of the total public school population of the entire United States that is found within each cell is given in Table 4. These figures are based upon the U. S. Office of Education Statistics of State School Systems.<sup>1</sup> The number of forms distributed in each cell is proportionate to the per cent of the total school population found within the cell.

### Population Density Categories

Within each cell the schools are divided into four population categories. These figures are based upon the

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<sup>1</sup>Federal Security Agency, U. S. Office of Education, Statistics of State School Systems, 1951-52 Biennial Survey of Education in the United States (Washington: United States Government Printing Office, 1954).

TABLE 4

GEOGRAPHICAL SAMPLING AREAS AND THE PER CENT OF THE TOTAL  
SCHOOL POPULATION CONTAINED IN EACH CELL

Cell	States Within Cell	Per Cent of School Population
1	Maine, New Hampshire, Vermont Connecticut, and Rhode Island	5.0
2	New York	8.5
3	New Jersey	2.8
4	Pennsylvania, Delaware, and Maryland	7.7
5	West Virginia, Virginia, and Washington, D. C.	4.1
6	Ohio	4.9
7	South Carolina, Alabama, Georgia, and Mississippi	9.3
8	North Carolina and Florida	5.5
9	Tennessee, Arkansas and Kentucky	7.1
10	Illinois and Indiana	7.4
11	Michigan	4.4
12	Minnesota and Wisconsin	3.9
13	Iowa, North Dakota, South Dakota, Kansas, Nebraska, and Colorado	6.0
14	Missouri, Oklahoma, and Louisiana	6.4
15	Texas	5.6
16	New Mexico, Idaho, Montana, Utah, Wyoming, Arizona, and Nevada	3.2
17	Oregon and Washington	1.4
18	California	6.8



United States Census Bureau's data.<sup>1</sup> These categories are assumed to be homogeneous, so any school selected from a given class is considered representative of all schools within that class. These classes are found in Table 5.

TABLE 5

CLASSES OF SCHOOLS ACCORDING TO POPULATION DENSITY  
WITH THE PER CENT OF THE NATION'S TOTAL SCHOOL  
POPULATION FOUND IN EACH CATEGORY

Class	Size of City	National Per Cent of School Population
1	Over 100,000	21.9
2	10,000 - 99,999	19.6
3	2,500 - 9,999	11.5
4	Less than 2,500	47.0

#### Basic Pattern

The basic pattern is to have every grade level represented in each of the four population density categories in all eighteen cells.

#### Limitations in Selecting Samples

Since it was desired that the influence of any particular school system be kept at a minimum, one school system can contribute only one class at any one grade level in the basic sample.

<sup>1</sup>U. S. Bureau of Census, *Census of Population: 1950; A Report of the Seventeenth Decennial Census of the United States* (Washington, D.C.: Government Printing Office, 1952).

## CHAPTER III

### STATISTICAL ANALYSIS

#### Tabulation of Returns

Approximately 23,000 experimental forms (about 3200 at each grade level) were distributed on a nation-wide basis. Of these 23,000 forms, 7,195 were returned. These returns were totaled according to cells, as they had been distributed. These data are found in Table 6.

Since the states within each cell had been grouped (with few exceptions) because of their homogeneity, each school system submitting returns was considered to be representative of all comparable population density schools within that cell. Returns were received from sixteen of the eighteen cells representing forty-three of the forty-eight states. (States composing each cell are found in Table 4.)

#### Item Analysis

An item analysis was made of the 7195 tests returned. Each test at each grade level consisted of 100 items. Following this item analysis, fifty words on each form of the test at each grade level were eliminated. Of the 700 words comprising the items on the final tests, all but four fell

TABLE 6

## RETURNS FROM EACH DISTRIBUTION CELL

Cell	Returns
1	186
2	1000
3	60
4	480
5	70
6	175
7	295
8	104
9	0
10	0
11	350
12	35
13	260
14	1146
15	1771
16	283
17	130
18	<u>850</u>
Total	7195

within the difficulty range of 20-89 per cent. Percentage of difficulty was divided into four ranges: 20-39; 40-60; 61-79; and 80-89. The number of items falling within each range of difficulty is found in Table 7.

TABLE 7

RANGE OF DIFFICULTY OF ITEMS WITHIN EACH FORM  
 ACCORDING TO PERCENTAGE OF DIFFICULTY

Grade	Form	Percentage of Difficulty				Total
		20-39	40-60	61-79	80-89	
2	A	1	24	25		50
2	B	3	10	23	14	50
3	A	3	16	31		50
3	B	3	1	21	21	46*
4	A	6	9	35		50
4	B	2	5	16	27	50
5	A	3	10	37		50
5	B	2	6	28	14	50
6	A	2	2	24	22	50
6	B	1	9	34	6	50
7	A		7	31	12	50
7	B	1	3	35	11	50
8	A	3	12	35		50
8	B	2	6	20	22	50

\*Four items were taken from the range of 90-91.

Tables 8-21 list the words chosen for final scoring with the percentage of difficulty for each word.

TABLE 8

WORDS SELECTED FOR SPELLING TEST, GRADE 2 (FORM A),  
AND PERCENTAGE OF DIFFICULTY FOR EACH ITEM

No.	Word	Percentage of Difficulty	No.	Word	Percentage of Difficulty
1.	a	68	26.	run	68
2.	is	62	27.	teacher	40
3.	for	68	28.	only	69
4.	very	66	29.	another	57
5.	so	57	30.	four	59
6.	there	60	31.	I'm	63
7.	dear	55	32.	than	56
8.	be	69	33.	must	62
9.	from	66	34.	find	63
10.	as	67	35.	few	55
11.	has	69	36.	asked	59
12.	because	47	37.	better	59
13.	their	32	38.	help	68
14.	by	63	39.	hard	58
15.	or	61	40.	winter	58
16.	other	60	41.	paper	69
17.	want	55	42.	why	61
18.	first	63	43.	miss	66
19.	grade	63	44.	o'clock	67
20.	where	62	45.	ever	59
21.	next	61	46.	brought	57
22.	told	59	47.	party	57
23.	men	59	48.	guess	66
24.	again	55	49.	sent	57
25.	through	52	50.	right	60

TABLE 9

WORDS SELECTED FOR SPELLING TEST, GRADE 2 (FORM B),  
AND PERCENTAGE OF DIFFICULTY FOR EACH ITEM

No.	Word	Percentage of Difficulty	No.	Word	Percentage of Difficulty
1.	to	58	26.	getting	44
2.	of	75	27.	also	34
3.	went	79	28.	should	57
4.	with	78	29.	wanted	86
5.	this	81	30.	girls	81
6.	Christmas	71	31.	read	83
7.	us	87	32.	something	68
8.	saw	62	33.	brother	75
9.	here	87	34.	never	85
10.	could	84	35.	great	65
11.	too	41	36.	please	85
12.	know	75	37.	country	81
13.	been	78	38.	daddy's	60
14.	people	69	39.	large	72
15.	hope	75	40.	lots	72
16.	children	72	41.	lived	32
17.	which	79	42.	dinner	83
18.	around	84	43.	set	51
19.	started	69	44.	story	41
20.	any	72	45.	beautiful	57
21.	before	56	46.	city	87
22.	close	59	47.	used	72
23.	nice	67	48.	money	68
24.	called	76	49.	train	81
25.	years	72	50.	writing	30

TABLE 10

WORDS SELECTED FOR SPELLING TEST, GRADE 3, (FORM A),  
AND PERCENTAGE OF DIFFICULTY FOR EACH ITEM

No.	Word	Percentage of Difficulty	No.	Word	Percentage of Difficulty
1.	different	63	26.	shall	76
2.	eggs	74	27.	that's	58
3.	yesterday	63	28.	bread	59
4.	decided	45	29.	happened	38
5.	front	69	30.	tomorrow	49
6.	war	41	31.	minutes	62
7.	knew	76	32.	coal	64
8.	quite	37	33.	studying	50
9.	miles	58	34.	president	62
10.	killed	78	35.	dad	75
11.	won't	72	36.	often	51
12.	warm	75	37.	stories	49
13.	leaves	65	38.	field	63
14.	Thanksgiving	63	39.	skates	74
15.	far	74	40.	study	76
16.	riding	36	41.	noise	63
17.	stopped	44	42.	history	57
18.	grass	76	43.	inches	71
19.	building	59	44.	stockings	65
20.	mama	47	45.	doctor	54
21.	turn	61	46.	taking	41
22.	shot	74	47.	sell	77
23.	mine	82	48.	doesn't	58
24.	person	71	49.	grandfather	71
25.	wear	63	50.	built	67

TABLE 11

WORDS SELECTED FOR SPELLING TEST, GRADE 3, (FORM B),  
AND PERCENTAGE OF DIFFICULTY FOR EACH ITEM

No.	Word	Percentage of Difficulty	No.	Word	Percentage of Difficulty
1.	it's	90	26.	afraid	61
2.	birthday	65	27.	drink	88
3.	clothes	62	28.	suit	81
4.	received	41	29.	barn	86
5.	spring	91	30.	iron	61
6.	vacation	34	31.	nearly	79
7.	Saturday	32	32.	learn	79
8.	almost	89	33.	between	82
9.	finally	29	34.	build	71
10.	sled	90	35.	Indian	66
11.	bought	80	36.	pencil	79
12.	wrote	88	37.	radio	62
13.	horses	70	38.	feeling	73
14.	those	73	39.	need	90
15.	turned	85	40.	tail	84
16.	during	78	41.	remember	75
17.	hole	89	42.	passed	66
18.	merry	68	43.	wild	88
19.	wait	73	44.	takes	88
20.	letters	82	45.	dressed	74
21.	sit	69	46.	busy	80
22.	wouldn't	71	47.	pass	86
23.	myself	87	48.	else	82
24.	rode	77	49.	twelve	85
25.	broke	80	50.	leg	85



TABLE 12

WORDS SELECTED FOR SPELLING TEST, GRADE 4 (FORM A),  
AND PERCENTAGE OF DIFFICULTY FOR EACH ITEM

No.	Word	Percentage of Difficulty	No.	Word	Percentage of Difficulty
1.	lovely	71	26.	mother's	53
2.	countries	31	27.	pumpkin	68
3.	bridge	78	28.	begin	76
4.	squirrel	50	29.	raised	74
5.	arrived	58	30.	laid	48
6.	colors	74	31.	mama	56
7.	chief	46	32.	famous	70
8.	bet	64	33.	quiet	36
9.	discovered	67	34.	farmers	71
10.	parents	54	35.	meeting	62
11.	ha	71	36.	police	74
12.	string	78	37.	changed	72
13.	usually	39	38.	reach	79
14.	thousand	78	39.	feed	63
15.	married	70	40.	Dec.	65
16.	oranges	78	41.	wore	67
17.	company	69	42.	shore	67
18.	plenty	70	43.	sang	25
19.	slide	69	44.	rice	79
20.	porch	78	45.	track	79
21.	surprised	57	46.	coffee	64
22.	business	37	47.	cover	77
23.	sending	77	48.	foreign	23
24.	eleven	72	49.	marbles	69
25.	dollar	74	50.	subject	60

TABLE 13

WORDS SELECTED FOR SPELLING TEST, GRADE 4 (FORM B),  
AND PERCENTAGE OF DIFFICULTY FOR EACH ITEM

No.	Word	Percentage of Difficulty	No.	Word	Percentage of Difficulty
1.	hospital	54	26.	excuse	80
2.	we'll	82	27.	wonderful	75
3.	address	86	28.	cabin	79
4.	sleigh	53	29.	circus	86
5.	papa	76	30.	grandpa	85
6.	bill	77	31.	trade	87
7.	paint	88	32.	thankful	73
8.	fence	86	33.	sides	86
9.	thirty	87	34.	silver	79
10.	health	84	35.	burned	77
11.	buildings	87	36.	bow	82
12.	awful	86	37.	whose	54
13.	colored	85	38.	hang	83
14.	pupils	82	39.	sight	84
15.	village	81	40.	yes	72
16.	desert	74	41.	theft	38
17.	raise	83	42.	dropped	79
18.	babies	54	43.	dirt	83
19.	taught	64	44.	rivers	84
20.	vegetables	48	45.	greatest	87
21.	interested	66	46.	brush	83
22.	report	86	47.	season	87
23.	among	39	48.	sliding	61
24.	supposed	67	49.	below	84
25.	southern	72	50.	visited	72

TABLE 14

WORDS SELECTED FOR SPELLING TEST, GRADE 5 (FORM A),  
AND PERCENTAGE OF DIFFICULTY FOR EACH ITEM

No.	Word	Percentage of Difficulty	No.	Word	Percentage of Difficulty
1.	settled	73	26.	fathers	71
2.	studied	51	27.	excited	57
3.	reindeer	38	28.	dried	78
4.	dancing	70	29.	lettuce	74
5.	monkeys	77	30.	gathered	64
6.	beads	64	31.	speed	73
7.	expect	61	32.	carrying	69
8.	hop	77	33.	divided	70
9.	certainly	66	34.	question	75
10.	industry	69	35.	stones	78
11.	pleasant	47	36.	shed	66
12.	parks	77	37.	surface	67
13.	poem	74	38.	rug	75
14.	sleds	78	39.	deal	73
15.	hind	78	40.	stomach	47
16.	soldier	76	41.	decorated	47
17.	bushes	76	42.	shell	69
18.	rang	52	43.	polar	57
19.	useful	26	44.	needle	70
20.	whom	73	45.	understand	75
21.	nickel	60	46.	characters	36
22.	spread	79	47.	attention	66
23.	autumn	65	48.	eighth	51
24.	garage	72	49.	muddy	74
25.	beauty	78	50.	material	59

TABLE 15

WORDS SELECTED FOR SPELLING TEST, GRADE 5 (FORM B),  
AND PERCENTAGE OF DIFFICULTY FOR EACH ITEM

No.	Word	Percentage of Difficulty	No.	Word	Percentage of Difficulty
1.	bigger	78	26.	penny	77
2.	sentences	73	27.	chase	81
3.	themselves	77	28.	captured	81
4.	post office	81	29.	gotten	81
5.	loose	70	30.	blackboard	71
6.	science	76	31.	invented	71
7.	castle	73	32.	leading	81
8.	citizen	60	33.	separate	40
9.	kitty	75	34.	population	66
10.	placed	79	35.	visiting	76
11.	slipped	79	36.	fairies	73
12.	skiing	50	37.	allowed	20
13.	cellar	43	38.	self	82
14.	slippers	81	39.	setting	72
15.	germs	75	40.	lasted	81
16.	dust	78	41.	less	77
17.	poles	82	42.	tablet	78
18.	lonesome	82	43.	tobacco	20
19.	pin	79	44.	oak	81
20.	stepped	80	45.	wondered	78
21.	congress	76	46.	hate	79
22.	peanuts	81	47.	moment	77
23.	ought	82	48.	etc.	49
24.	elected	75	49.	national	68
25.	man's	79	50.	sits	57

TABLE 16

WORDS SELECTED FOR SPELLING TEST, GRADE 6 (FORM A),  
AND PERCENTAGE OF DIFFICULTY FOR EACH ITEM

No.	Word	Percentage of Difficulty	No.	Word	Percentage of Difficulty
1.	dairy	25	26.	deposits	69
2.	studies	73	27.	calves	77
3.	traveling	66	28.	natural	86
4.	jungle	69	29.	stationery	27
5.	factories	82	30.	banana	62
6.	honor	70	31.	she's	87
7.	position	87	32.	visitor	75
8.	plain	73	33.	length	82
9.	examination	66	34.	st.	87
10.	Pilgrims	62	35.	disappeared	54
11.	neither	76	36.	citizens	65
12.	balloon	84	37.	section	86
13.	frost	85	38.	governor	72
14.	social	69	39.	guard	82
15.	gymnasium	62	40.	wishes	80
16.	diseases	72	41.	solid	84
17.	community	73	42.	growth	86
18.	gum	84	43.	human	76
19.	weigh	87	44.	agreement	84
20.	noun	85	45.	apron	80
21.	chalk	87	46.	character	49
22.	regular	87	47.	thanked	80
23.	newspapers	77	48.	mischief	69
24.	fires	77	49.	author	77
25.	forward	75	50.	engineer	86

TABLE 17

WORDS SELECTED FOR SPELLING TEST, GRADE 6 (FORM B),  
AND PERCENTAGE OF DIFFICULTY FOR EACH ITEM

No.	Word	Percentage of Difficulty	No.	Word	Percentage of Difficulty
1.	believed	48	26.	weak	79
2.	treasure	70	27.	carries	76
3.	feathers	77	28.	worship	77
4.	bloom	81	29.	eastern	79
5.	saving	77	30.	fished	76
6.	healthy	69	31.	signed	76
7.	rifle	64	32.	lightning	51
8.	sleepy	80	33.	ancient	53
9.	accident	74	34.	model	79
10.	lighted	74	35.	torn	80
11.	prettiest	56	36.	double	79
12.	jack-o-lantern	77	37.	transportation	63
13.	camels	74	38.	thus	72
14.	valuable	64	39.	barrel	37
15.	carefully	73	40.	twenty-five	72
16.	knives	68	41.	comfortable	80
17.	extra	73	42.	bench	80
18.	forms	76	43.	tear	61
19.	spirit	46	44.	fuel	79
20.	motor	76	45.	examinations	55
21.	nineteen	77	46.	nations	79
22.	chocolate	60	47.	whale	80
23.	cocoa	55	48.	mining	55
24.	magazine	67	49.	tardy	76
25.	therefore	68	50.	bathing	65

TABLE 18

WORDS SELECTED FOR SPELLING TESTS, GRADE 7 (FORM A),  
AND PERCENTAGE OF DIFFICULTY FOR EACH ITEM

No.	Word	Percentage of Difficulty	No.	Word	Percentage of Difficulty
1.	sheets	81	26.	cocoon	48
2.	dining	49	27.	confederation	67
3.	control	75	28.	statue	73
4.	prison	80	29.	throne	75
5.	tomatoes	81	30.	escaped	68
6.	treaty	81	31.	passes	78
7.	attack	73	32.	tap	73
8.	groceries	73	33.	established	73
9.	waste	81	34.	united	75
10.	decorations	68	35.	colonial	71
11.	liberty	78	36.	council	61
12.	decorate	72	37.	icy	66
13.	Sept.	75	38.	cranberries	58
14.	poison	68	39.	magic	80
15.	lamb	77	40.	stem	66
16.	spears	81	41.	burnt	65
17.	no	71	42.	cardboard	78
18.	oasis	43	43.	gain	78
19.	penmanship	59	44.	wreck	80
20.	cabinet	81	45.	harness	72
21.	towel	80	46.	pier	49
22.	graduated	72	47.	ashamed	62
23.	extremely	66	48.	dates	73
24.	separated	43	49.	keys	80
25.	scarce	80	50.	stripes	68

TABLE 19

WORDS SELECTED FOR SPELLING TEST, GRADE 7 (FORM B),  
AND PERCENTAGE OF DIFFICULTY FOR EACH ITEM

No.	Word	Percentage of Difficulty	No.	Word	Percentage of Difficulty
1.	surrounded	75	26.	baking	80
2.	message	73	27.	ghosts	79
3.	vegetable	68	28.	educated	67
4.	scissors	61	29.	mirror	78
5.	skinned	64	30.	pears	78
6.	hides	81	31.	puzzle	79
7.	disappointed	49	32.	ankle	80
8.	century	75	33.	oxygen	79
9.	merry-go-round	81	34.	verses	79
10.	territory	76	35.	igloo	73
11.	single	76	36.	mistake	80
12.	holy	81	37.	stumbled	81
13.	tractor	78	38.	difference	63
14.	current	74	39.	manufacture	76
15.	skated	76	40.	tricycle	58
16.	manager	75	41.	civil	71
17.	seek	80	42.	recreation	61
18.	drowned	75	43.	courage	75
19.	view	80	44.	metal	70
20.	hygiene	58	45.	attacked	76
21.	succeeded	39	46.	hated	73
22.	daddy's	74	47.	plantations	75
23.	suggested	77	48.	bent	80
24.	developed	77	49.	dip	74
25.	tip	81	50.	moisture	65



TABLE 20

WORDS SELECTED FOR SPELLING TEST, GRADE 8 (FORM A),  
AND PERCENTAGE OF DIFFICULTY FOR EACH ITEM

No.	Word	Percentage of Difficulty	No.	Word	Percentage of Difficulty
1.	occupied	67	26.	aim	78
2.	breath	49	27.	dying	73
3.	pickles	70	28.	legislative	60
4.	border	78	29.	spotted	78
5.	telegraph	78	30.	increased	70
6.	amendment	30	31.	appreciation	65
7.	sorts	76	32.	sights	67
8.	fats	57	33.	wading	41
9.	split	76	34.	jealous	65
10.	comical	36	35.	pavement	68
11.	cannon	76	36.	fairly	62
12.	bracelet	59	37.	mosquitoes	22
13.	thrifty	68	38.	bicycles	60
14.	composition	75	39.	flu	41
15.	hopes	73	40.	silence	60
16.	cedar	60	41.	collecting	78
17.	holly	65	42.	embroidery	44
18.	necklace	76	43.	ox	76
19.	splendid	48	44.	strength	73
20.	exhibit	56	45.	whooping cough	68
21.	commercial	65	46.	conversation	70
22.	organ	73	47.	limbs	75
23.	sticking	78	48.	colleges	67
24.	dawn	76	49.	sap	73
25.	smoking	67	50.	woolen	71

TABLE 21

WORDS SELECTED FOR SPELLING TEST, GRADE 8 (FORM B),  
AND PERCENTAGE OF DIFFICULTY FOR EACH ITEM

No.	Word	Percentage of Difficulty	No.	Word	Percentage of Difficulty
1.	article	68	26.	camp	62
2.	fir	36	27.	foolish	60
3.	linen	86	28.	owns	85
4.	advantage	85	29.	spare	78
5.	apiece	83	30.	cracked	76
6.	contain	88	31.	flight	86
7.	celery	82	32.	pantry	76
8.	opposite	87	33.	support	83
9.	delicious	82	34.	you've	88
10.	port	79	35.	cradle	66
11.	bacteria	78	36.	mask	86
12.	complete	75	37.	quail	81
13.	peoples	60	38.	bleeding	88
14.	hiking	76	39.	one half	85
15.	aside	82	40.	showman	84
16.	mistress	66	41.	whipped	79
17.	advice	80	42.	fountain pen	75
18.	ceiling	84	43.	original	64
19.	entirely	73	44.	shack	54
20.	preparing	72	45.	worker	81
21.	tipped	85	46.	cutest	62
22.	ford	24	47.	insect	81
23.	northwest	53	48.	racing	72
24.	ruled	48	49.	telescope	71
25.	trout	58	50.	doctors	63

### Validity

The validity of the test items is based upon children's actual usage of words as disclosed by the Rinsland study and by that study's wide acceptance and usage among builders of curricular materials (see Chapter I). Items in other tests would not be the same as items in this test because of the different criteria for selecting words. Therefore, no attempt was made to correlate this test with other spelling tests. The validity of the multiple-choice form has been discussed in Chapter II.

### Coefficient of Reliability

Reliability was computed by the Spearman-Brown Prophecy Formula<sup>1</sup> using the split-half method. The resulting coefficients are found in Table 22.

### Means, Standard Deviation, and Standard Errors

The fifty items on each form at each grade level that were selected on the basis of percentage of difficulty (Table 7) comprise the final tests. Using these items alone, the mean, standard deviation, and standard errors were computed for each form of the test at each grade level, two through eight. These data are found in Table 23.

### Norms

Norms were established for both Form A and B at all

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<sup>1</sup>Henry E. Garrett, Statistics in Psychology and Education (New York: Longmans, Green and Co., 1954), 339.

TABLE 22

COEFFICIENTS OF RELIABILITY OF TESTS COMPUTED  
BY THE SPEARMAN-BROWN PROPHECY FORMULA

Grade	Form	Coefficient of Reliability
2	A	.924
2	B	.864
3	A	.949
3	B	.865
4	A	.928
4	B	.949
5	A	.954
5	B	.954
6	A	.865
6	B	.760
7	A	.958
7	B	.929
8	A	.889
8	B	.978

TABLE 23

MEANS, STANDARD DEVIATION, AND STANDARD ERROR  
ON FORMS A AND B BY GRADE LEVEL

Grade	Form	Mean	Standard Deviation	Standard Error
2	A	30.34	11.90	±3.21
2	B	33.57	8.48	±3.12
3	A	31.21	10.44	±2.35
3	B	37.80	8.25	±3.03
4	A	32.35	10.87	±2.92
4	B	37.10	10.04	±2.26
5	A	34.06	11.34	±2.43
5	B	38.71	9.36	±3.17
6	A	37.70	8.88	±1.03
6	B	41.88	5.97	±2.91
7	A	36.92	10.37	±2.12
7	B	40.82	9.41	±2.50
8	A	35.17	10.86	±3.62
8	B	42.43	7.12	±1.05

grade levels (2-8) on the basis of the median of medians.

The medians for each grade were obtained by scoring each set of papers, by grade, from each school which submitted returns for that grade, and computing a median for each. This median of medians is considered to be the national norm. The tests were administered during the fifth month of the school year. These norms are given in Table 24.

TABLE 24

NORMS ON SPELLING TESTS FORMS A AND B  
BY GRADE LEVEL

Grade	Form	Number of Items Correct (Median of Medians)
2	A	37
2	B	35
3	A	35
3	B	42
4	A	36
4	B	40
5	A	40
5	B	41
6	A	40
6	B	43
7	A	42
7	B	43
8	A	41
8	B	43

## CHAPTER IV

### SUMMARY

The study involved the construction of two comparable forms of spelling tests for grades two through eight, basing the selection of items on the Rinsland vocabulary study.

This study has been used extensively as a source for words in all phases of elementary language arts but never as a sole source for spelling tests. Spelling tests, as a rule, are based upon a selection of words from both adult and children's usage, whereas the Rinsland list is based entirely on children's usage.

The method of choosing words as test items was designed by Gertrude Hildreth in building a spelling scale for the New York City Schools. In the Hildreth method, the criterion for selecting words from the Rinsland list is total frequency rather than frequency within a grade. The words with the highest total frequency being assigned to the lower grades and the words with the lower total frequency being assigned to the higher grades. In general those words which are used by children most frequently should be learned first.

Test items were presented in multiple-choice form.

In grades two and three the test items were dictated by the teacher. In all other grades the items were read by the subject.

All words on the Rinsland list which had a use frequency of less than twenty-five were eliminated as possibilities for the spelling tests. This left a total of 6850 words. Each word was placed on an IBM card and the cards arranged as to frequency of usage as shown on the Rinsland list (Range 284, 145 to 25).

A number of spellers were examined to determine the number of words taught in each grade. These data provided the basis for determining the number of words to be included in the sample.

A total of 3760 words, those showing the highest frequency of usage, were retained. From this list, 1400 words were selected, by a method which sampled the entire list, to comprise the comparable forms of the test for grades two through eight.

Each of these words was then incorporated in a simple sentence and three spellings given. The subject had four possible answers for each item; to select one of the given spellings as correct, or to make a fourth choice indicating none as correct.

The sentences were aligned to the spacing of the standard IBM answer sheet to facilitate machine scoring.

The tests were distributed by the California Test Bureau on a controlled stratified basis as designed by that firm. The sampling was controlled by these criteria: grade levels, geographical areas, population density, basic pattern, and limiting samples. The states were grouped into eighteen cells with the number of forms sent into each cell proportionate to the per cent of the national total of the school population found therein. Approximately twenty-three thousand forms in all were distributed.

Of the total distribution 7,195 forms were returned, or approximately 31 per cent of the total distributed. (Per cent of returns in a standardization process is not as significant as representation.) Returns were received from sixteen of the eighteen cells. These sixteen cells represent 43 states.

When the tests were returned, an analysis was made of the items to find the percentage of difficulty for each item. Fifty items within the range of difficulty 20-89 were retained on the final form of the tests.

Coefficients of reliability for each form of the test at each grade level were computed by the Spearman-Brown Prophecy Formula using the split-half method. These coefficients range from .865 to .978 with one exception, Form 6 (B), which was .760

Since the tests were not as difficult as had been predicted the means of the fifty items chosen are correspondingly



high, ranging from 30.34 to 43.43. The standard deviation ranges from 7.12 to 11.90, the standard errors from 1.03 to 3.62.

Tentative norms were based upon the median of medians. The range of the medians was 35 to 43.

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**APPENDIX A**

**THE 3760 WORDS OF HIGHEST FREQUENCY FROM WHICH  
TEST ITEMS WERE SELECTED**

THE 3760 WORDS OF HIGHEST FREQUENCY FROM WHICH  
TEST ITEMS WERE SELECTED

<u>Word</u>	<u>Frequency</u>	<u>Word</u>	<u>Frequency</u>
the	284145	then	21766
I	205581	going	21677
and	203146	up	20732
to	180938	time	20659
a	171566	get	20626
you	102426	would	20515
we	93444	our	20418
in	88782	were	20087
it	83344	little	19240
of	81620	how	18621
is	79025	be	18600
was	70493	do	18284
have	57102	about	17841
my	55267	from	17775
are	49699	her	17752
he	47225	them	17727
for	44547	as	17497
on	42058	his	17286
they	41863	mother	16599
that	39497	see	16533
had	38743	friend	16206
she	31361	come	16055
very	31327	can	15762
will	30605	day	15759
when	30546	good	15138
school	30451	what	14974
me	30112	said	14849
with	29968	him	14470
am	29115	home	13906
all	29111	did	13542
one	28710	now	13476
so	28693	has	13298
your	27474	down	13297
got	26528	Christmas	12966
there	25837	if	12723
went	25190	write	12671
not	24869	after	12110
at	24708	play	11959
like	24682	came	11698
out	23970	put	11665
go	23898	two	11395
but	23636	house	11324
this	23623	us	11132
dear	22481	because	11065
some	22073	over	10993

saw	10992	started	6233
their	10979	three	6228
well	10924	girl	6132
here	10562	things	6105
by	10428	cat	6093
just	10285	new	6037
made	10100	any	5885
back	10083	next	5858
an	10071	fine	5845
could	9937	off	5842
or	9846	told	5735
dog	9711	way	5490
too	9634	away	5457
other	9381	found	5414
many	9013	room	5264
night	8924	before	5248
name	8918	snow	5228
old	8914	didn't	5216
know	8800	eat	5185
want	8736	boys	5126
make	8707	no	5083
been	8202	close	5070
first	8196	men	5061
into	8158	pretty	5045
people	8141	nice	4899
man	8133	thought	4891
soon	8012	fun	4889
take	7968	called	4885
letter	7894	year	4878
sure	7882	ball	4869
boy	7857	white	4868
big	7765	again	4847
think	7623	bed	4816
hope	7458	years	4760
grade	7375	through	4726
water	7372	while	4701
tell	7305	gave	4688
don't	7130	work	4679
last	7003	doll	4524
children	6943	getting	4513
where	6777	baby	4456
every	6667	once	4447
which	6655	also	4378
took	6640	run	4373
more	6559	coming	4332
around	6508	should	4289
father	6348	teacher	4288
tree	6304	place	4256
long	6294	car	4190
who	6260	give	4181
morning	6258	ran	4180

let	4173	large	3137
only	4124	better	3123
today	4046	these	3121
summer	4023	each	3102
right	4005	five	3085
Santa Claus	3971	week	3078
red	3868	lots	3026
another	3862	help	3005
most	3830	left	2999
look	3810	lived	2961
milk	3799	hard	2950
book	3784	fire	2921
wanted	3748	keep	2920
black	3730	trees	2906
bring	3693	comes	2894
girls	3668	dinner	2891
along	3664	winter	2882
glad	3661	side	2804
love	3652	candy	2794
live	3598	playing	2791
played	3595	ride	2768
read	3594	set	2753
best	3571	stay	2752
heard	3570	box	2744
something	3560	food	2724
four	3552	paper	2717
until	3547	books	2710
brother	3535	may	2703
say	3535	why	2701
cold	3520	small	2690
never	3511	story	2686
I'm	3465	Miss	2675
sister	3457	show	2670
town	3451	beautiful	2643
than	3433	o'clock	2635
door	3426	fish	2632
great	3384	city	2628
must	3353	feet	2617
looked	3329	yours	2610
thing	3310	used	2598
find	3308	ever	2592
always	3295	aunt	2581
please	3290	money	2581
happy	3254	brought	2579
daddy	3253	ground	2557
country	3250	high	2549
few	3245	party	2543
wish	3241	sometimes	2510
lot	3225	under	2492
asked	3197	guess	2479
days	3149	oh	2461

train	2460	enough	2037
toys	2458	pair	2037
head	2453	ice	2019
writing	2423	goes	2013
sent	2404	Sunday	2007
Mr.	2393	began	2004
horse	2365	meat	1976
six	2364	across	1967
land	2362	it's	1967
having	2360	eyes	1966
ready	2359	clean	1965
likes	2346	afternoon	1954
pet	2321	birthday	1950
Mrs.	2313	class	1941
still	2313	liked	1932
named	2304	ten	1930
its	2303	clothes	1927
picture	2302	different	1925
cut	2291	together	1921
fell	2276	send	1916
upon	2274	received	1909
cousin	2273	part	1903
making	2263	birds	1898
I'll	2248	times	1896
yes	2247	near	1895
uncle	2233	eggs	1889
use	2228	game	1881
ate	2215	sleep	1881
sick	2212	hill	1880
dress	2206	gone	1874
store	2205	yard	1874
kind	2186	couldn't	1872
flowers	2182	top	1870
same	2178	ago	1869
blue	2143	walk	1866
hear	2130	light	1843
river	2129	buy	1842
table	2124	yesterday	1833
does	2122	window	1823
brown	2116	seen	1822
bird	2091	spring	1820
miss	2087	decided	1812
rabbit	2086	thank	1811
caught	2067	air	1784
street	2064	end	1778
boat	2057	yellow	1776
animals	2056	family	1773
friends	2054	farm	1764
green	2054	hair	1757
done	2050	bear	1752
can't	2042	anything	1751

both	1750	life	1562
corn	1748	early	1545
world	1739	hunting	1540
half	1728	road	1539
second	1725	gets	1533
rest	1724	sat	1533
stayed	1723	bought	1528
hot	1716	warm	1528
watch	1709	died	1526
vacation	1696	apples	1516
fast	1693	floor	1506
start	1693	leaves	1502
such	1691	being	1498
till	1690	feed	1496
front	1689	trip	1496
houses	1688	reading	1492
yet	1680	call	1489
hand	1671	visit	1488
war	1669	wrote	1471
later	1668	Thanksgiving	1467
interesting	1667	since	1466
Saturday	1663	catch	1465
bad	1662	grandmother	1464
looking	1662	dogs	1461
try	1656	ask	1459
shoes	1649	dark	1459
knew	1648	funny	1459
tried	1644	far	1458
might	1643	care	1456
open	1633	haven't	1453
quite	1629	poor	1448
doing	1626	born	1443
sun	1622	hit	1440
almost	1618	truly	1438
miles	1616	horses	1436
camp	1612	cow	1427
hat	1609	music	1425
wood	1605	eight	1419
killed	1603	fall	1408
games	1601	jumped	1407
answer	1595	seven	1399
finally	1592	hundred	1396
won't	1587	those	1388
woods	1577	built	1382
rain	1574	sorry	1375
sled	1574	full	1374
lost	1569	turned	1372
pictures	1568	riding	1370
presents	1568	king	1362
weeks	1568	cows	1358
fishing	1564	supper	1358

stopped	1342	letters	1184
swimming	1342	isn't	1181
wagon	1331	real	1181
gun	1325	hour	1179
even	1321	sit	1178
dishes	1309	lunch	1177
stop	1309	evening	1171
grow	1303	spelling	1169
building	1302	wouldn't	1163
ship	1298	mine	1160
third	1292	cake	1159
walking	1290	weather	1156
grass	1286	dolls	1151
hurt	1286	person	1149
piece	1286	wasn't	1142
coat	1285	kept	1138
everything	1285	myself	1137
church	1276	wear	1136
finished	1274	government	1135
face	1270	state	1135
makes	1270	nine	1132
airplane	1269	sheep	1132
jump	1269	body	1130
line	1265	without	1130
lake	1259	rode	1126
Friday	1258	shall	1124
leave	1254	suppose	1122
during	1253	turkey	1117
kinds	1253	broke	1109
says	1250	that's	1109
walked	1249	bicycle	1108
wind	1249	nothing	1105
outside	1248	afraid	1103
others	1246	apple	1102
sing	1245	trying	1101
plays	1244	color	1100
fat	1221	drink	1100
own	1221	bread	1097
hands	1220	learned	1095
hole	1220	taken	1094
mamma	1211	sea	1093
cotton	1210	happened	1090
foot	1209	wants	1089
merry	1209	cars	1085
turn	1206	suit	1083
running	1205	tomorrow	1080
lives	1194	fight	1074
wait	1190	eating	1073
shot	1189	barn	1069
arithmetic	1187	kill	1065
opened	1187	I've	1064

gold	1061	given	970
iron	1059	board	962
minutes	2059	feeling	961
behind	1058	field	961
woman	1055	football	961
nearly	1050	stand	961
windows	1050	need	959
mountains	1049	skates	958
important	1046	tonight	958
park	1045	places	955
nuts	1042	mouth	950
hold	1041	study	950
young	1041	late	944
learn	1036	skating	944
fly	1019	tail	944
present	1019	stick	943
tired	1018	won	942
working	1012	fourth	941
coal	1010	remember	939
plant	1008	noise	934
wash	1007	pick	934
between	1003	oil	930
studying	1002	brothers	929
teachers	1000	round	929
helped	996	chickens	921
build	992	flag	919
president	992	lay	914
breakfast	991	carry	913
lights	991	forest	913
dry	990	looks	912
dad	988	passed	912
month	987	picked	912
garden	985	everybody	911
talk	985	kitten	909
moved	984	wild	908
north	982	south	900
pony	982	rabbits	899
Indian	979	reached	896
often	979	ways	896
became	978	Easter	895
pig	977	bit	890
pencil	976	whole	887
stories	976	inside	886
several	975	toy	886
everyone	974	awhile	884
radio	974	rock	884
chair	973	bright	883
child	973	history	878
lady	972	sitting	876
names	972	throw	872
ones	972	pulled	869



inches	865	good bye	779
nest	864	held	779
someone	861	cave	778
takes	859	gives	778
stockings	858	library	778
swim	857	fruit	777
tricks	855	met	776
dressed	854	hours	775
teeth	847	plan	775
deep	846	hardly	773
living	845	written	773
tall	845	ocean	772
doctor	844	course	771
club	842	enjoy	771
orange	840	feel	771
busy	837	broken	770
wheat	837	corner	770
lines	836	grandma	770
maybe	835	women	770
pass	835	already	767
taking	834	surprise	767
able	831	geography	766
legs	831	middle	766
stood	830	fifth	764
Monday	828	strong	762
short	828	bell	761
enjoyed	827	homes	761
ring	825	mean	761
nose	823	pay	760
news	821	animal	759
sand	818	twenty	757
else	817	dollars	755
schools	813	draw	755
mountain	812	truck	753
threw	811	chicken	751
twelve	811	mail	750
sell	810	surely	750
basket	808	asleep	746
though	807	covered	742
cats	806	song	742
doesn't	805	carried	740
age	804	flower	739
cannot	803	lessons	737
runs	801	meet	736
move	799	hunt	735
pull	793	scared	735
sold	789	we're	735
leg	788	card	733
grandfather	784	eats	733
hello	783	rocks	733
program	780	talking	733

gas	732	December	666
sweet	729	team	666
alone	728	dance	665
bank	728	gifts	663
butter	727	glass	663
forget	727	against	662
sugar	723	arrived	662
forgot	722	we'll	662
rooms	717	spend	661
teacher's	717	bag	660
west	717	toward	660
bottom	716	grew	659
dead	716	address	658
felt	716	hay	658
believe	715	April	656
cents	715	island	656
months	715	cattle	655
lovely	713	March	653
sixth	713	stove	653
sky	713	boats	650
earth	712	pen	649
rich	707	skin	649
countries	706	sleigh	647
woke	706	worked	647
deer	704	smoke	646
himself	704	captain	643
except	702	colors	643
Halloween	701	papa	643
states	700	waiting	642
let's	697	cried	641
sincerely	695	teach	639
word	692	flew	637
words	692	pink	636
hospital	691	race	636
cook	690	laughed	635
job	690	laws	635
instead	688	chief	634
bridge	687	bill	633
rat	686	hurry	632
shoot	686	machine	631
known	685	pieces	629
stairs	685	bet	628
squirrel	682	means	627
parts	680	fair	626
hen	675	test	626
cross	673	stone	625
potatoes	672	discovered	624
cry	671	paint	624
power	671	baseball	622
singing	669	papers	622
soap	668	Thursday	620

mind	619	bears	585
fence	618	mile	584
number	618	really	583
sisters	617	wall	582
ghost	616	thousand	581
rubber	614	easy	580
tea	614	heavy	580
Christmas Eve	613	station	580
largest	613	doors	579
travel	613	egg	578
plants	612	above	576
thirty	611	boxes	576
valentine	611	elephant	576
English	610	Indians	576
gray	610	married	576
parents	610	colored	575
cap	609	standing	575
frightened	609	picnic	572
seemed	609	arm	571
thinking	609	become	571
ice cream	608	pupils	571
health	607	silk	571
streets	607	wife	571
wet	607	desk	570
fur	604	oranges	570
ha	603	village	570
buildings	602	soft	569
filled	601	cloth	568
office	601	although	566
robin	601	company	566
rope	599	desert	566
awful	598	stars	566
education	597	band	565
free	597	low	563
kitchen	597	plenty	562
lesson	597	raise	562
noon	597	farmer	561
son	595	Feb.	561
tells	595	electric	560
straight	594	ships	560
all right	593	army	559
drive	593	either	559
P. S.	592	favorite	559
telling	592	mud	559
showed	591	slide	558
string	590	brings	557
raining	589	mad	557
giving	588	language	556
painted	588	pigs	556
sometime	587	porch	556
usually	587	chairs	555

climb	555	center	516
invited	554	snake	515
missed	554	hall	514
surprised	554	supposed	512
hungry	553	art	511
seat	552	wide	511
anyway	550	skate	510
death	550	loves	509
star	550	southern	509
babies	549	trouble	508
knife	548	grades	507
cool	547	telephone	507
spent	547	arms	505
business	546	excuse	505
taught	546	group	505
law	544	fifty	503
duck	542	cost	502
storm	542	idea	502
suddenly	541	wonderful	502
vegetables	541	hide	501
cities	540	bath	500
monkey	538	listen	500
salt	537	eleven	499
climbed	534	cabin	498
fox	534	songs	498
grown	534	loving	497
sudden	534	bat	496
beat	533	mothers	496
good-by	533	pole	496
interested	533	stocking	495
quickly	531	strange	495
log	530	knocked	494
master	530	tied	494
order	530	circus	493
report	529	plane	493
fixed	527	pie	492
past	527	luck	491
soldiers	527	dollar	490
cowboy	526	grandpa	490
ears	524	roll	490
slowly	524	balls	489
rather	523	cute	489
minute	522	mother's	488
clay	521	bark	487
seeds	520	east	487
answered	519	followed	487
neck	519	valley	487
thanks	519	helps	484
sending	518	queen	484
among	517	wool	484
cage	516	break	483

heart	483	hills	454
washed	483	reason	454
add	482	roads	454
brave	482	cousins	453
creek	482	shop	453
ducks	482	hang	452
leader	481	fairy	451
trade	481	holes	450
bones	480	goods	449
needed	480	mama	449
moon	478	sight	449
pumpkin	478	fifteen	448
thankful	478	cream	447
dresses	477	putting	447
flying	477	steps	447
mouse	477	God	446
begin	476	nurse	445
sides	476	sticks	445
wrong	476	dirty	444
bus	475	famous	444
chimney	475	true	444
tent	475	Wednesday	444
silver	474	zoo	444
piano	473	matter	443
bottle	472	guns	442
drove	471	watched	442
burned	470	speak	441
pond	470	watching	441
Santa	469	grows	440
sentence	469	quiet	439
anyone	468	size	438
bow	468	foods	437
puppy	467	save	437
tribe	467	cup	434
planted	466	farmers	434
raised	465	replied	433
snowing	465	folks	431
sound	465	longer	431
change	464	main	431
saying	464	meeting	431
laid	462	bite	430
whose	462	daughter	430
shows	460	recess	430
lion	459	dig	429
Jan.	458	police	429
May	458	theft	429
growing	456	northern	428
loved	456	fix	427
clothing	455	certain	426
tie	455	changed	426
cards	454	dropped	426

upstairs	426	older	405
engine	425	public	405
sad	425	rice	405
kittens	424	roof	405
swing	424	teaching	405
twice	424	cause	403
blow	423	least	403
cheese	423	track	403
crying	423	eye	402
beach	422	goat	402
region	422	moving	402
form	421	angry	401
I'd	421	coffee	401
reach	420	season	401
dirt	419	valentines	401
railroad	419	finish	400
battle	418	blew	399
beside	418	cover	399
fed	418	high school	399
ours	418	thick	399
ahead	417	whether	398
aren't	417	shoe	397
fireplace	417	foreign	396
spell	417	sliding	396
block	416	wheel	396
capital	416	February	395
college	416	bowl	394
probably	416	marbles	393
Dec.	414	below	392
rivers	414	cookies	392
careful	413	fill	391
colonies	413	handkerchiefs	391
handkerchief	413	subject	390
laugh	413	visited	390
greatest	412	general	389
puts	410	hung	389
seems	410	pool	388
wonder	410	gloves	387
wore	410	hoping	387
bees	409	squirrels	387
chance	409	principal	386
crops	409	settled	386
kids	409	step	386
shore	409	bells	385
soil	409	learning	385
drawing	408	Tuesday	385
fields	406	sew	384
following	406	somebody	383
sang	406	snowed	382
brush	405	furniture	381
clear	405	hid	381

waited	381	meal	358
bigger	380	trains	358
coast	380	wooden	358
sewing	380	ill	357
shining	380	quick	357
works	380	rose	357
flat	378	boards	356
disease	377	lets	356
safe	377	newspaper	356
landed	376	post	356
January	375	post office	356
sentences	375	spot	356
act	374	burn	355
hotel	374	slow	355
win	374	western	355
grain	373	loose	354
clock	372	stores	354
falling	372	amount	353
fruits	372	July	353
sign	372	page	353
studied	372	helping	352
themselves	371	quit	352
association	370	candles	351
basketball	370	bee	350
bone	370	dancing	350
wished	370	ink	350
American	368	led	350
hadn't	368	stuck	350
possible	368	talked	350
voice	368	golden	349
reindeer	366	mill	349
pasture	365	sack	349
proud	365	awoke	348
die	364	besides	348
ear	364	monkeys	348
flood	364	drop	347
returned	364	starts	347
fighting	363	calf	346
dish	362	saved	346
fresh	362	beads	345
pounds	362	blocks	345
trap	361	joy	345
downstairs	359	planned	345
especially	359	Oct.	344
farther	359	expect	343
nail	359	none	343
receive	359	peace	343
stream	359	parade	342
heat	358	fought	338
lead	358	hop	338
loud	358	outdoors	338

there's	337	package	321
beds	336	seal	321
blood	336	sleds	321
certainly	336	slipped	321
falls	336	tin	321
larger	336	automobile	320
choose	335	fort	319
drew	335	hind	319
industry	335	paid	318
science	334	pan	317
theater	334	seem	317
beginning	333	stamps	317
dream	333	blowing	316
oats	333	skiing	316
case	332	follow	315
cooking	331	horn	315
June	331	jumps	315
base	330	kite	315
bedroom	330	ore	315
castle	329	pushed	315
laughing	329	tables	315
slept	329	hike	314
honey	328	soldier	314
pleasant	328	cellar	313
citizen	327	cooked	313
mostly	327	inch	313
new year	327	pants	313
steel	327	popcorn	313
shut	326	slippers	313
you'll	326	terrible	313
finger	325	tribes	313
keeps	325	airplanes	312
practice	325	bunch	312
wise	325	germs	312
yourself	325	knock	312
climate	324	rolled	312
common	324	shirt	312
constitution	324	bushes	311
feast	324	cakes	311
kitty	324	forty	311
branches	323	roses	311
clouds	323	square	311
drum	323	closed	310
parks	323	coats	310
placed	323	policeman	310
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balloons	104	drops	101
barking	104	eagle	101
bend	104	frame	101
blooming	104	millions	101
expensive	104	nouns	101
finishing	104	occupied	101
girls	104	palm	101
harm	104	paragraph	101
hatch	104	swinging	101
hired	104	type	101
melt	104	ache	100
paw	104	breathe	100
playground	104	cases	100
pushing	104	changed	100
seventy	104	landing	100
shown	104	meetings	100
statement	104	permission	100
sunset	104	pickles	100
trading	104	poet	100
vines	104	root	100
voted	104	streamline	100
weave	104	allow	99
catching	103	boiled	99
clubs	103	border	99
crept	103	bulb	99
grammar	103	entertainment	99
hearts	103	explore	99
lifted	103	funniest	99
multiply	103	graceful	99
odor	103	jars	99
phone	103	kissed	99
roller skates	103	knot	99
screen	103	mass	99
stool	103	parlor	99
teepee	103	respect	99
angel	102	results	99
banking	102	telegraph	99
chases	102	theaters	99
chew	102	toilet	99
dolly	102	wax	99
furnish	102	altogether	98
longest	102	amendment	98
lungs	102	article	98
memory	102	chicken pox	98
pigeon	102	composed	98



crazy	98	contain	95
drums	98	election	95
exports	98	exactly	95
fir	98	fire escape	95
hero	98	fold	95
jacket	98	happens	95
pajamas	98	hooks	95
rainbow	98	introduced	95
sorts	98	maple	95
sour	98	nearest	95
younger	98	pray	95
colds	97	printed	95
design	97	pudding	95
earned	97	tulips	95
fats	97	adjective	94
feather	97	adverbs	94
garters	97	blown	94
hatched	97	cannon	94
invitations	97	celery	94
kills	97	collection	94
lined	97	day's	94
linen	97	deliver	94
necks	97	dictionary	94
organized	97	fortune	94
playful	97	freight	94
P. M.	97	habit	94
split	97	haul	94
advantage	96	heated	94
advantages	96	hidden	94
asks	96	kettle	94
borrow	96	opposite	94
covering	96	overshoes	94
crumbs	96	partner	94
dive	96	private	94
exams	96	scratched	94
facts	96	seasons	94
figures	96	throws	94
knowledge	96	tonsils	94
meadow	96	zone	94
people's	96	angels	93
spices	96	answering	93
swift	96	bracelet	93
tenth	96	carved	93
waist	96	choir	93
wires	96	cloudy	93
apiece	95	directions	93
brake	95	fisherman	93
bravely	95	gentle	93
bridges	95	index	93
collect	95	kites	93
comical	95	machines	93

paddle	93	completed	90
pronoun	93	convention	90
provided	93	den	90
quack	93	drives	90
rags	93	gradually	90
saucers	93	holly	90
scattered	93	injured	90
stir	93	jobs	90
thrifty	93	manufactures	90
traffic	93	measure	90
wreath	93	mystery	90
barley	92	necklace	90
boiling	92	nicer	90
breathing	92	operation	90
composition	92	pitch	90
delicious	92	pressed	90
destination	92	schoolroom	90
development	92	splendid	90
diamonds	92	strawberries	90
germ	92	toad	90
hopes	92	writes	90
ironing	92	attractive	89
irrigation	92	barns	89
rested	92	bulldog	89
roofs	92	buys	89
runner	92	china	89
students	92	dot	89
vacant	92	duties	89
wandered	92	everyday	89
windy	92	exhibit	89
zebra	92	fairyland	89
arrive	91	flax	89
beets	91	floated	89
begged	91	floods	89
bowwow	91	fog	89
careless	91	halfway	89
colt	91	heaven	89
ending	91	hurts	89
fireworks	91	jewels	89
flooded	91	justice	89
manual	91	mailbox	89
milked	91	marked	89
mountainous	91	port	89
near-by	91	pups	89
posters	91	rail	89
produces	91	realize	89
steer	91	shines	89
strings	91	worn	89
wealth	91	bacteria	88
bridle	90	bean	88
cedar	90	cells	88

chiefly	88	teaspoon	87
command	88	throughout	87
commercial	88	tomato	87
complete	88	willing	87
dandy	88	wipe	87
delighted	88	aim	86
dipped	88	aside	86
divide	88	bundle	86
driven	88	cheap	86
flow	88	destroyed	86
gods	88	drawf	86
invention	88	dying	86
ma'am	88	equal	86
ninety	88	forgive	86
organ	88	grey	86
peoples	88	hoped	86
poured	88	lame	86
ruined	88	legislative	86
seldom	88	mistress	86
shone	88	regards	86
sticking	88	requires	86
thrilling	88	sense	86
appearance	87	snowy	86
appreciated	87	spotted	86
bakery	87	student	86
beautiful	87	swept	86
camera	87	builds	85
Christmas tree	87	centers	85
concert	87	coloring	85
condition	87	crawl	85
conditions	87	defeated	85
cones	87	difficult	85
dawn	87	digest	85
exchange	87	elevator	85
exercises	87	improve	85
fertile	87	increased	85
furnace	87	labor	85
goodness	87	likely	85
grab	87	moonlight	85
hiking	87	nervous	85
icicles	87	rainfall	85
leads	87	shirts	85
minister	87	skunk	85
mittens	87	smiled	85
opens	87	stolen	85
opera	87	stoves	85
provide	87	strike	85
recognized	87	stuffed	85
result	87	twenty-one	85
revolution	87	violets	85
smoking	87	voices	85

weaving	85	preparing	83
acquainted	84	ragged	83
appreciation	84	saves	83
beneath	84	spending	83
blacksmith	84	sprained	83
degree	84	thoughts	83
dikes	84	tipped	83
executive	84	tongue	83
fellows	84	tool	83
furnished	84	valleys	83
ham	84	voyage	83
hopped	84	backwards	82
knob	84	bud	82
outline	84	buds	82
particular	84	cheeks	82
pit	84	chorus	82
prisoner	84	cleared	82
reaches	84	damp	82
robber	84	darling	82
serious	84	dismissed	82
sights	84	drying	82
softly	84	engines	82
sum	84	eraser	82
thanking	84	fairly	82
title	84	ford	82
upset	84	hitched	82
wading	84	janitor	82
advice	83	knight	82
affairs	83	melting	82
assignment	83	mosquitoes	82
aviator	83	northwest	82
based	83	pools	82
beaver	83	producing	82
ceiling	83	quilt	82
collie	83	rising	82
cooks	83	rocky	82
dreaming	83	ruled	82
dye	83	semester	82
enters	83	settlements	82
entirely	83	tadpoles	82
hits	83	tender	82
household	83	trim	82
idle	83	trout	82
instance	83	tune	82
jealous	83	wins	82
lime	83	action	81
louder	83	alligator	81
math	83	bicycles	81
meanwhile	83	camps	81
mighty	83	canoes	81
pavement	83	colonists	81

exploring	81	cradle	79
fireman	81	dining room	79
flu	81	flowing	79
foolish	81	lean	79
golf	81	lilies	79
hawk	81	limbs	79
instrument	81	mask	79
lantern	81	nickels	79
miles	81	opportunity	79
owns	81	paying	79
progress	81	piled	79
raisins	81	published	79
representatives	81	quail	79
shout	81	seaports	79
silence	81	seated	79
spare	81	welfare	79
spilled	81	alligators	78
week end	81	banner	78
apartment	80	bleeding	78
awakened	80	bunnies	78
collecting	80	chop	78
cracked	80	claimed	78
cracks	80	costs	78
crime	80	driveway	78
darkness	80	happier	78
decorating	80	helpers	78
embroidery	80	jewelry	78
flight	80	manner	78
folk	80	mess	78
gobble	80	moves	78
majority	80	one-half	78
owners	80	pear	78
ox	80	pepper	78
pantry	80	political	78
pistol	80	realized	78
powerful	80	shelves	78
punished	80	showman	78
servant	80	spite	78
strength	80	starch	78
support	80	style	78
tough	80	taller	78
tube	80	waved	78
wander	80	whipped	78
watermelon	80	afterward	77
whooping cough	80	bonnet	77
you've	80	bowls	77
appointed	79	brownie	77
barber	79	colleges	77
beyond	79	fountain pen	77
clowns	79	goal	77
conversation	79	graduate	77

grazing	77	doctors	75
lbs.	77	finest	75
milkman	77	flash	75
original	77	grains	75
popped	77	harp	75
prairie	77	hoop	75
prayer	77	intend	75
remained	77	literature	75
sap	77	location	75
shack	77	nurses	75
smiling	77	overcoat	75
tallow	77	pageant	75
temple	77	potash	75
vessel	77	refreshments	75
woolen	77	riddle	75
worker	77	sample	75
baby's	76	scale	75
bandage	76	shoots	75
breaks	76	smallest	75
collected	76	sparrows	75
crackers	76	spoil	75
cutest	76	stunts	75
entrance	76	varnish	75
funeral	76	wharf	75
gained	76	attached	74
governed	76	barely	74
howling	76	bathrobe	74
insect	76	buckets	74
miner	76	carpenter	74
nicest	76	chicken's	74
parrot	76	chopped	74
pledge	76	churn	74
plum	76	defense	74
racing	76	depend	74
rider	76	hardships	74
sawed	76	inviting	74
stationary	76	iodine	74
switch	76	knocking	74
teased	76	mansion	74
telescope	76	mentioned	74
terms	76	pale	74
understood	76	pastures	74
willow	76	peanut	74
yrs.	76	peck	74
alarm	75	pulp	74
A. M.	75	robbed	74
appointment	75	sauce	74
bravest	75	searched	74
conductor	75	speeding	74
counts	75	storms	74
cure	75	toothbrush	74

wilderness	74	physical	72
wreaths	74	plural	72
afford	73	prints	72
bedtime	73	produced	72
couch	73	puddle	72
designs	73	required	72
ditches	73	roar	72
drawer	73	shiny	72
escapes	73	slides	72
fishermen	73	sparrow	72
globe	73	stronger	72
junk	73	substance	72
kindly	73	suggest	72
modifies	73	trails	72
necktie	73	unable	72
pasted	73	vessels	72
peach	73	woodpecker	72
pottery	73	alphabet	71
rented	73	artificial	71
reply	73	canned	71
rubbers	73	carbon	71
rulers	73	classmate	71
sharpen	73	cone	71
thrift	73	crippled	71
treatment	73	drain	71
verse	73	fluffy	71
wicked	73	fortunate	71
wigwam	73	frighten	71
yarn	73	grasshopper	71
absence	72	guards	71
adjectives	72	icebergs	71
advertisement	72	impatient	71
barefooted	72	lighting	71
bathe	72	motion	71
borrowed	72	onto	71
breeze	72	passage	71
distant	72	peaceful	71
dusty	72	reaching	71
elect	72	rescue	71
elf	72	rowed	71
empire	72	rye	71
fiddle	72	sank	71
giraffe	72	sections	71
gravy	72	servants	71
itch	72	spider	71
leak	72	suitcase	71
messenger	72		
mistakes	72		
pays	72		
pens	72		

APPENDIX B

RAW SCORES CONVERTED TO PERCENTILE RANK  
BY GRADE LEVEL



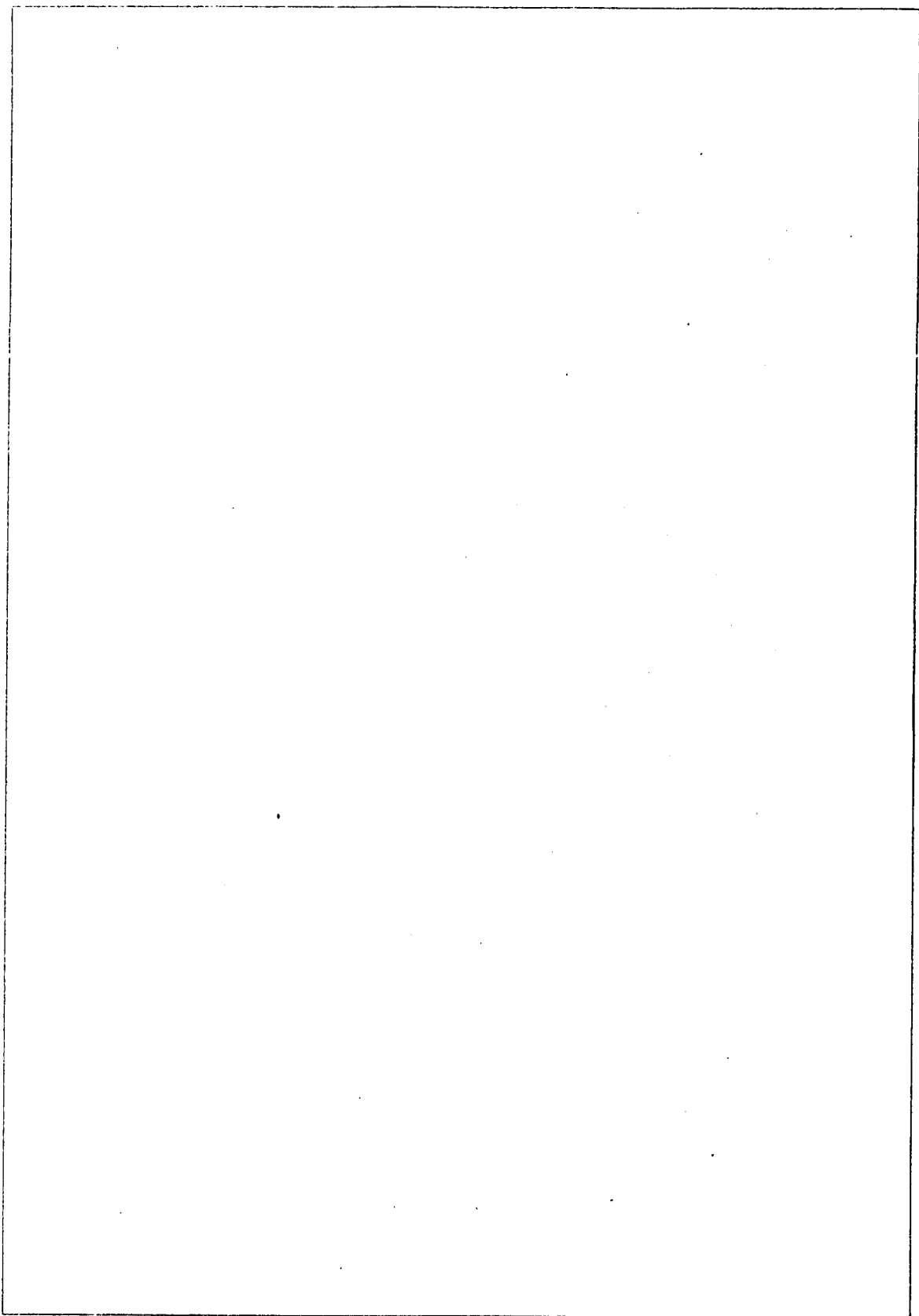
RAW SCORES CONVERTED TO PERCENTILE RANK  
BY GRADE LEVEL

Raw Score	Percentile Rank by Grade (Forms A and B)													
	2		3		4		5		6		7		8	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B
1														
2														
3														
4														
5														
6			1		2		1							1
7			1		2		1				1		2	
8			1		2		1		1		1		2	
9	1		1	1	3	1	1	4	2		1	1	2	1
10	2	1	2	1	4	1	1	4	2	2	1	2	2	2
11	4	1	2	2	6	1	1	4	3	1	1	2	2	2
12	5	2	2	2	8	2	2	6	3	1	1	2	2	2
13	7	3	2	2	8	2	2	8	3		2	2	2	3
14	9	4	3	4	10	6	6	8	4	1	3	3	3	3
15	11	4	6	5	12	6	9	9	5	1	3	3	3	3
16	13	7	9	5	14	7	7	9	5	2	3	4	5	3
17	15	8	11	7	15	7	7	10	6	2	3	5	6	5
18	17	10	14	8	17	7	7	12	7	2	3	6	6	5
19	19	11	16	10	18	8	8	15	9	3	3	7	7	5
20	21	13	18	11	18	11	15	15	9	4	2	7	7	6
21	22	16	20	13	20	13	16	16	10	5	3	8	9	6
22	24	17	23	14	21	14	19	17	12	6	6	9	10	7
23	25	20	24	16	22	16	20	17	13	7	7	9	11	7
24	27	24	25	17	26	16	20	18	14	7	8	11	13	7
25	30	28	27	19	27	17	21	19	15	8	9	12	15	7
26	33	31	31	21	29	18	22	21	17	10	7	13	16	9
27	34	33	32	24	32	22	24	22	17	11	10	14	17	9
28	36	36	36	25	34	24	27	24	18	14	12	15	19	10
29	39	40	37	28	35	25	30	27	20	14	13	16	21	12
30	39	42	42	29	36	27	34	30	20	15	14	18	23	12
31	43	46	44	30	39	30	36	34	24	16	15	19	26	14
32	44	51	47	34	45	30	36	27	27	17	15	19	28	16
33	46	56	50	38	46	32	42	30	27	21	17	22	28	16
34	51	58	54	40	51	35	44	33	33	23	18	26	29	17
35	53	63	60	43	54	37	47	37	37	25	20	28	33	18
36	56	67	61	47	59	40	50	40	40	27	25	30	35	18
37	58	70	65	50	62	43	54	44	44	33	28	31	38	20
38	59	72	71	52	64	47	54	48	39	36	32	34	41	22



**APPENDIX C**

**SAMPLES OF TESTS**



DIRECTIONS TO THE TEACHER: You are to read these directions aloud. You should check to see that each child answers the sample correctly. What you are to say to the children is underscored. First, write this sample on the blackboard.

Sample A: I have a (1 doge 2 dog 3 dag) 

1	2	3	D
:	:	:	:
:	:	:	:
:	:	:	:

  
After special IBM pencils and tests have been distributed, say to the children: Do not pick up your pencils until I tell you. You must follow my directions carefully. Now pick up your pencils and write your name at the top of the page; then write the name of your school. Teacher gives school. Lay down your pencils. This is an exercise to see how well you can spell. You must listen closely so you will know how to mark your paper. I have written a sample on the blackboard. The same sample is on your paper as Sample A. Teacher shows where Sample A is. Look at the sample: I have a (1 d-o-g-e 2 d-o-g 3 d-a-g)

Notice that you have words numbered 1, 2 and 3. Which one spells "dog" correctly? Wait for answer. Number two is correct because it says: d-o-g, so I will fill in the numbered space at the right under -2-. On your paper the space under number -2- has been filled in. There are four blank spaces at the right. If none of the three numbered words is correct, mark under column four, -D-, which means different. Now let's see if you can mark Sample B on your paper. Look at the sample. I will say the word, use it in the sentence, and say the word again as printed on your paper. You are to mark the space below the same number at the right that the correct word has. Sample B: the word is -will-, I will go. -will-. Wait for pupils to mark their papers. The correct answer is -3- because it says: w-i-l-l. See if everyone marked -3-. If you should mark a space that you think is wrong, erase carefully and then mark the correct one. Are there any questions? I cannot answer questions after we start. Now I will say the word, read the sentence using the word, and repeat the word. You mark the space below the number which has the correct spelling, just like you did in the sample. Teacher begins, saying the word, reading the sentence and repeating the word.

- |  |   |
|--|---|
| <p>Sample A. I have a (1 doge 2 dog 3 dag).</p> <p>Sample B. I (1 will 2 well 3 will) go.</p> <p>1. (1 I 2 Aye 3 Ay) love you.</p> <p>2. (1 A 2 Ay 3 Ae) dog ran.</p> <p>3. Come (1 in 2 ine 3 inn) here.</p> <p>4. (1 Is 2 Si 3 Iss) that for me?</p> | <p>20. I got it (1 fram 2 from 3 frome) him.</p> <p>21. He is tall (1 as 2 az 3 ase) I am.</p> <p>22. (1 Se 2 Sea 3 See) the bird?</p> <p>23. He (1 can 2 cane 3 con) come.</p> <p>24. (1 Wot 2 Wat 3 What) did you say?</p> <p>25. I am going (1 home 2 hom 3 hone).</p> |
|--|---|

**BE SURE YOUR MARKS ARE HEAVY AND BLACK  
ERASE COMPLETELY ANY ANSWER YOU WISH TO CHANGE**

- |   |   |
|---|---|
| <p>5. This is (1 my 2 mi 3 ny) book.</p> <p>6. I got this (1 for 2 far 3 fore) you.</p> <p>7. (1 Thet 2 That 3 Tat) is my toy.</p> <p>8. You are (1 vary 2 vare 3 very) pretty.</p> <p>9. I like my (1 school 2 scool 3 skool).</p> <p>10. I (1 am 2 an 3 ame) happy.</p> <p>11. It is (1 sow 2 sew 3 so).</p> <p>12. (1 Ther 2 There 3 There) he is.</p> <p>13. I am (1 et 2 at 3 ate) home.</p> <p>14. (1 Goe 2 Go 3 Gow) away.</p> <p>15. She is a (1 deer 2 daer 3 dear).</p> <p>16. I am (1 guing 2 going 3 goin).</p> <p>17. (1 Gat 2 Get 3 Gete) me some cake.</p> <p>18. We (1 wer 2 were 3 wear) there.</p> <p>19. I will (1 bee 2 bea 3 be) here.</p> | <p>26. He (1 hase 2 his 3 has) been here.</p> <p>27. (1 If 2 Af 3 Ife) I can come, I will tell you.</p> <p>28. It is fun to (1 pay 2 play 3 plae).</p> <p>29. There are (1 to 2 two 3 tow) of them.</p> <p>30. I am here (1 becuse 2 becose 3 because) I want to be.</p> <p>31. That is (1 their 2 there 3 thier) house.</p> <p>32. I live (1 by 2 biy 3 buy) him.</p> <p>33. I will go (1 bake 2 bak 3 back) to school.</p> <p>34. He can go (1 or 2 our 3 ore) tell us why not.</p> <p>35. I saw the (1 other 2 uther 3 othre) one.</p> <p>36. What is your (1 mane 2 nam 3 name)?</p> <p>37. I (1 wont 2 want 3 went) a toy.</p> <p>38. He is (1 firste 2 frist 3 first).</p> <p>39. Tell the (1 mane 2 man 3 mun).</p> <p>40. Write me a (1 letr 2 leter 3 letter).</p> |
|---|---|

- |  |   |   |   |   |  |   |   |   |   |
|--|---|---|---|---|--|---|---|---|---|
| 41. That is a (1 beg 2 big 3 bag) house.         | 1 | 2 | 3 | D | 71. I (1 liv 2 live 3 lyve) here.                  | 1 | 2 | 3 | D |
| 42. I am in the second (1 grade 2 grad 3 gread). | 1 | 2 | 3 | D | 72. That is the (1 best 2 bast 3 beste) story.     | 1 | 2 | 3 | D |
| 43. (1 Donte 2 Dount 3 Don't) go away.           | 1 | 2 | 3 | D | 73. I have (1 for 2 fore 3 four) books.            | 1 | 2 | 3 | D |
| 44. (1 Wher 2 Were 3 Where) is he?               | 1 | 2 | 3 | D | 74. What did she (1 say 2 sae 3 saye)?             | 1 | 2 | 3 | D |
| 45. He (1 tok 2 toke 3 took) my toys.            | 1 | 2 | 3 | D | 75. (1 I'm 2 I'n 3 I'me) going.                    | 1 | 2 | 3 | D |
| 46. Is he your (1 father 2 farther 3 farthar)?   | 1 | 2 | 3 | D | 76. I have more books (1 then 2 than 3 thene) you. | 1 | 2 | 3 | D |
| 47. (1 Who 2 How 3 Whoe) is coming?              | 1 | 2 | 3 | D | 77. He (1 most 2 mast 3 must) stop.                | 1 | 2 | 3 | D |
| 48. He has (1 thee 2 three 3 threa) dogs.        | 1 | 2 | 3 | D | 78. What did you (1 find 2 fond 3 fin)?            | 1 | 2 | 3 | D |
| 49. I have a (1 cate 2 cat 3 kat).               | 1 | 2 | 3 | D | 79. I am (1 hoppy 2 happy 3 heppy).                | 1 | 2 | 3 | D |
| 50. He is (1 next 2 nest 3 nezt) in line.        | 1 | 2 | 3 | D | 80. I have a (1 fue 2 few 3 fuve) toys.            | 1 | 2 | 3 | D |
| 51. I (1 toll 2 toold 3 told) a story.           | 1 | 2 | 3 | D | 81. She (1 asked 2 ask 3 aske) him.                | 1 | 2 | 3 | D |
| 52. I (1 found 2 fond 3 fownd) a dime.           | 1 | 2 | 3 | D | 82. This is (1 beter 2 betre 3 better).            | 1 | 2 | 3 | D |
| 53. Did it (1 sno 2 snow 3 sow) last night?      | 1 | 2 | 3 | D | 83. That boy is (1 five 2 fiv 3 fuv) years old.    | 1 | 2 | 3 | D |
| 54. I see the two (1 boyz 2 bois 3 boys).        | 1 | 2 | 3 | D | 84. (1 Help 2 Hlp 3 Halp) me.                      | 1 | 2 | 3 | D |
| 55. Who are these (1 man 2 men 3 mene)?          | 1 | 2 | 3 | D | 85. This is (1 had 2 hrd 3 hard) candy.            | 1 | 2 | 3 | D |

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- |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|
| 56. I (1 thought 2 thot 3 thout) so.              | 1 | 2 | 3 | D | 86. Birds are in the (1 tres 2 trees 3 trez).         | 1 | 2 | 3 | D |
| 57. I went to school last (1 yer 2 year 3 year).  | 1 | 2 | 3 | D | 87. It is (1 witer 2 winter 3 wintre).                | 1 | 2 | 3 | D |
| 58. I want to see you (1 agan 2 again 3 agen).    | 1 | 2 | 3 | D | 88. She is (1 plang 2 plaing 3 playing).              | 1 | 2 | 3 | D |
| 59. He went (1 through 2 throw 3 threw) the door. | 1 | 2 | 3 | D | 89. (1 Stay 2 Sta 3 Stae) here.                       | 1 | 2 | 3 | D |
| 60. She likes to (1 work 2 worke 3 wark).         | 1 | 2 | 3 | D | 90. Read the (1 paper 2 papr 3 papre).                | 1 | 2 | 3 | D |
| 61. I have a (1 babe 2 baby 3 baba) brother.      | 1 | 2 | 3 | D | 91. (1 Way 2 Wy 3 Why) don't you go?                  | 1 | 2 | 3 | D |
| 62. I like to (1 run 2 ran 3 rune) and play       | 1 | 2 | 3 | D | 92. I (1 mess 2 miss 3 mise) my dog.                  | 1 | 2 | 3 | D |
| 63. I like my (1 techer 2 techr 3 teacher).       | 1 | 2 | 3 | D | 93. It is fiye (1 o'clock 2 oclock 3 o'clock).        | 1 | 2 | 3 | D |
| 64. (1 Giv 2 Give 3 Geve) me the book.            | 1 | 2 | 3 | D | 94. She has small (1 feet 2 fet 3 feat).              | 1 | 2 | 3 | D |
| 65. I (1 onle 2 onli 3 only) have a dime.         | 1 | 2 | 3 | D | 95. Will Christmas (1 aver 2 evere 3 ever) come?      | 1 | 2 | 3 | D |
| 66. That is (1 right 2 rite 3 write).             | 1 | 2 | 3 | D | 96. I (1 broght 2 brot 3 brought) you something.      | 1 | 2 | 3 | D |
| 67. Try (1 another 2 anther 3 anather) one.       | 1 | 2 | 3 | D | 97. She is going to have a (1 parte 2 party 3 perty). | 1 | 2 | 3 | D |
| 68. I drink (1 milke 2 milk 3 mike).              | 1 | 2 | 3 | D | 98. (1 Guess 2 Ges 3 Gess) how old I am.              | 1 | 2 | 3 | D |
| 69. See the (1 blak 2 blake 3 black) cat.         | 1 | 2 | 3 | D | 99. I like my (1 toyz 2 toys 3 touys).                | 1 | 2 | 3 | D |
| 70. Come (1 alog 2 along 3 aling) with me.        | 1 | 2 | 3 | D | 100. He (1 sent 2 sant 3 scent) a letter.             | 1 | 2 | 3 | D |

**DIRECTIONS TO THE TEACHER:** You are to read these directions aloud. You should check to see that each child answers the sample correctly. What you are to say to the children is underscored. First, write this sample on the blackboard.

Sample A: I have a (1 doge 2 dog 3 dag) 

1	2	3	D
:	:	:	:
:	:	:	:
:	:	:	:

  
 After special IBM pencils and tests have been distributed, say to the children: Do not pick up your pencils until I tell you. You must follow my directions carefully. Now pick up your pencils and write your name at the top of the page; then write the name of your school. Teacher gives school. Lay down your pencils. This is an exercise to see how well you can spell. You must listen closely so you will know how to mark your paper. I have written a sample on the blackboard. The same sample is on your paper as Sample A. Teacher shows where Sample A is. Look at the sample: I have a (1 d-o-g-e 2 d-o-g 3 d-a-g)

Notice that you have words numbered 1, 2 and 3. Which one spells "dog" correctly? Wait for answer. Number two is correct because it says: d-o-g, so I will fill in the numbered space at the right under -2-. On your paper the space under number -2- has been filled in. There are four blank spaces at the right. If none of the three numbered words is correct, mark under column four, -D-, which means different. Now let's see if you can mark Sample B on your paper. Look at the sample. I will say the word, use it in the sentence, and say the word again as printed on your paper. You are to mark the space below the same number at the right that the correct word has. Sample B: the word is -will-. I will go. -will-. Wait for pupils to mark their papers. The correct answer is -3- because it says: w-i-l-l. See if everyone marked -3-. If you should mark a space that you think is wrong, erase carefully and then mark the correct one. Are there any questions? I cannot answer questions after we start. Now I will say the word, read the sentence using the word, and repeat the word. You mark the space below the number which has the correct spelling, just like you did in the sample. Teacher begins, saying the word, reading the sentence and repeating the word.

- |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
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| <p>Sample A. I have a (1 doge 2 dog 3 dag). <table style="display: inline-table; vertical-align: middle;"><tr><td>1</td><td>2</td><td>3</td><td>D</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr></table></p> <p>Sample B. I (1 will 2 well 3 will) go. <table style="display: inline-table; vertical-align: middle;"><tr><td>1</td><td>2</td><td>3</td><td>D</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr></table></p> <p>1. (1 The 2 Thee 3 Thy) boy ran. <table style="display: inline-table; vertical-align: middle;"><tr><td>1</td><td>2</td><td>3</td><td>D</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr></table></p> <p>2. I want (1 to 2 too 3 toe) go. <table style="display: inline-table; vertical-align: middle;"><tr><td>1</td><td>2</td><td>3</td><td>D</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr></table></p> <p>3. (1 We 2 Wee 3 Wea) went home. <table style="display: inline-table; vertical-align: middle;"><tr><td>1</td><td>2</td><td>3</td><td>D</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr></table></p> <p>4. All (1 of 2 af 3 ofe) us will go. <table style="display: inline-table; vertical-align: middle;"><tr><td>1</td><td>2</td><td>3</td><td>D</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr></table></p> | 1 | 2 | 3 | D | : | : | : | : | : | : | : | : | : | : | : | : | 1 | 2 | 3 | D | : | : | : | : | : | : | : | : | : | : | : | : | 1 | 2 | 3 | D | : | : | : | : | : | : | : | : | : | : | : | : | 1 | 2 | 3 | D | : | : | : | : | : | : | : | : | : | : | : | : | 1 | 2 | 3 | D | : | : | : | : | : | : | : | : | : | : | : | : | 1 | 2 | 3 | D | : | : | : | : | : | : | : | : | : | : | : | : | <p>20. I am (1 about 2 abot 3 abowt) six years old. <table style="display: inline-table; vertical-align: middle;"><tr><td>1</td><td>2</td><td>3</td><td>D</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr></table></p> <p>21. I can see (1 tham 2 them 3 then). <table style="display: inline-table; vertical-align: middle;"><tr><td>1</td><td>2</td><td>3</td><td>D</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr></table></p> <p>22. I know your (1 moter 2 mother 3 muther). <table style="display: inline-table; vertical-align: middle;"><tr><td>1</td><td>2</td><td>3</td><td>D</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr></table></p> <p>23. (1 Com 2 Cam 3 Come) with me. <table style="display: inline-table; vertical-align: middle;"><tr><td>1</td><td>2</td><td>3</td><td>D</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr></table></p> <p>24. My dog is (1 god 2 good 3 goad). <table style="display: inline-table; vertical-align: middle;"><tr><td>1</td><td>2</td><td>3</td><td>D</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr></table></p> <p>25. Give it to (1 hin 2 him 3 hem). <table style="display: inline-table; vertical-align: middle;"><tr><td>1</td><td>2</td><td>3</td><td>D</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr></table></p> | 1 | 2 | 3 | D | : | : | : | : | : | : | : | : | : | : | : | : | 1 | 2 | 3 | D | : | : | : | : | : | : | : | : | : | : | : | : | 1 | 2 | 3 | D | : | : | : | : | : | : | : | : | : | : | : | : | 1 | 2 | 3 | D | : | : | : | : | : | : | : | : | : | : | : | : | 1 | 2 | 3 | D | : | : | : | : | : | : | : | : | : | : | : | : | 1 | 2 | 3 | D | : | : | : | : | : | : | : | : | : | : | : | : |
| 1   | 2 | 3 | D |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
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| 1   | 2 | 3 | D |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
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| 1   | 2 | 3 | D |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
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| :   | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :   | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 1   | 2 | 3 | D |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :   | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :   | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :   | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 1   | 2 | 3 | D |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :   | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :   | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :   | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 1   | 2 | 3 | D |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :   | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :   | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :   | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 1   | 2 | 3 | D |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :   | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :   | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :   | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 1   | 2 | 3 | D |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :   | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :   | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :   | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 1   | 2 | 3 | D |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :   | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :   | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :   | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 1   | 2 | 3 | D |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :   | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :   | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :   | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 1   | 2 | 3 | D |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :   | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :   | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :   | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 1   | 2 | 3 | D |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
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| :   | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :   | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

**BE SURE YOUR MARKS ARE HEAVY AND BLACK  
ERASE COMPLETELY ANY ANSWER YOU WISH TO CHANGE**

- |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| <p>5. I (1 hav 2 hove 3 have) a toy toy. <table style="display: inline-table; vertical-align: middle;"><tr><td>1</td><td>2</td><td>3</td><td>D</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr></table></p> <p>6. Is (1 hi 2 he 3 hea) here? <table style="display: inline-table; vertical-align: middle;"><tr><td>1</td><td>2</td><td>3</td><td>D</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr></table></p> <p>7. A boy (1 want 2 went 3 whent) to town. <table style="display: inline-table; vertical-align: middle;"><tr><td>1</td><td>2</td><td>3</td><td>D</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr></table></p> <p>8. (1 She 2 Sha 3 Shea) has a doll. <table style="display: inline-table; vertical-align: middle;"><tr><td>1</td><td>2</td><td>3</td><td>D</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr></table></p> <p>9. (1 Wen 2 Whin 3 When) can we go? <table style="display: inline-table; vertical-align: middle;"><tr><td>1</td><td>2</td><td>3</td><td>D</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr></table></p> <p>10. Go (1 wit 2 with 3 whith) me. <table style="display: inline-table; vertical-align: middle;"><tr><td>1</td><td>2</td><td>3</td><td>D</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr></table></p> <p>11. A boy has (1 ome 2 one 3 une). <table style="display: inline-table; vertical-align: middle;"><tr><td>1</td><td>2</td><td>3</td><td>D</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr></table></p> <p>12. They (1 got 2 gat 3 goat) some apples. <table style="display: inline-table; vertical-align: middle;"><tr><td>1</td><td>2</td><td>3</td><td>D</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr></table></p> <p>13. I can (1 not 2 nat 3 mot) go. <table style="display: inline-table; vertical-align: middle;"><tr><td>1</td><td>2</td><td>3</td><td>D</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr></table></p> <p>14. Put the cat (1 aut 2 owt 3 out). <table style="display: inline-table; vertical-align: middle;"><tr><td>1</td><td>2</td><td>3</td><td>D</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr></table></p> <p>15. Can you see (1 thes 2 this 3 thise)? <table style="display: inline-table; vertical-align: middle;"><tr><td>1</td><td>2</td><td>3</td><td>D</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr></table></p> <p>16. (1 Then 2 Thin 3 There) I saw a dog. <table style="display: inline-table; vertical-align: middle;"><tr><td>1</td><td>2</td><td>3</td><td>D</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr></table></p> <p>17. What (1 tine 2 time 3 tim) is it? <table style="display: inline-table; vertical-align: middle;"><tr><td>1</td><td>2</td><td>3</td><td>D</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr></table></p> <p>18. (1 G 2 Hour 3 Our) dog is black. <table style="display: inline-table; vertical-align: middle;"><tr><td>1</td><td>2</td><td>3</td><td>D</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr></table></p> <p>19. (1 Hou 2 How 3 Haw) are you? <table style="display: inline-table; vertical-align: middle;"><tr><td>1</td><td>2</td><td>3</td><td>D</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr></table></p> | 1 | 2 | 3 | D | : | : | : | : | : | : | : | : | : | : | : | : | 1 | 2 | 3 | D | : | : | : | : | : | : | : | : | : | : | : | : | 1 | 2 | 3 | D | : | : | : | : | : | : | : | : | : | : | : | : | 1 | 2 | 3 | D | : | : | : | : | : | : | : | : | : | : | : | : | 1 | 2 | 3 | D | : | : | : | : | : | : | : | : | : | : | : | : | 1 | 2 | 3 | D | : | : | : | : | : | : | : | : | : | : | : | : | 1 | 2 | 3 | D | : | : | : | : | : | : | : | : | : | : | : | : | 1 | 2 | 3 | D | : | : | : | : | : | : | : | : | : | : | : | : | 1 | 2 | 3 | D | : | : | : | : | : | : | : | : | : | : | : | : | 1 | 2 | 3 | D | : | : | : | : | : | : | : | : | : | : | : | : | 1 | 2 | 3 | D | : | : | : | : | : | : | : | : | : | : | : | : | 1 | 2 | 3 | D | : | : | : | : | : | : | : | : | : | : | : | : | 1 | 2 | 3 | D | : | : | : | : | : | : | : | : | : | : | : | : | 1 | 2 | 3 | D | : | : | : | : | : | : | : | : | : | : | : | : | 1 | 2 | 3 | D | : | : | : | : | : | : | : | : | : | : | : | : | <p>26. (1 Now 2 Naw 3 Nou) we can go. <table style="display: inline-table; vertical-align: middle;"><tr><td>1</td><td>2</td><td>3</td><td>D</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr></table></p> <p>27. Merry (1 Christmis 2 Christmas 3 Crestmis). <table style="display: inline-table; vertical-align: middle;"><tr><td>1</td><td>2</td><td>3</td><td>D</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr></table></p> <p>28. I went (1 aftor 2 after 3 aftre) he did. <table style="display: inline-table; vertical-align: middle;"><tr><td>1</td><td>2</td><td>3</td><td>D</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr></table></p> <p>29. (1 Pot 2 Pute 3 Put) it back. <table style="display: inline-table; vertical-align: middle;"><tr><td>1</td><td>2</td><td>3</td><td>D</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr></table></p> <p>30. Tell (1 use 2 as 3 us) a story. <table style="display: inline-table; vertical-align: middle;"><tr><td>1</td><td>2</td><td>3</td><td>D</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr></table></p> <p>31. We (1 sow 2 sor 3 sew) the tree. <table style="display: inline-table; vertical-align: middle;"><tr><td>1</td><td>2</td><td>3</td><td>D</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr></table></p> <p>32. (1 Hear 2 Here 3 Her) I am. <table style="display: inline-table; vertical-align: middle;"><tr><td>1</td><td>2</td><td>3</td><td>D</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr></table></p> <p>33. I (1 mad 2 made 3 mead) it. <table style="display: inline-table; vertical-align: middle;"><tr><td>1</td><td>2</td><td>3</td><td>D</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr></table></p> <p>34. He (1 cood 2 could 3 culd) go. <table style="display: inline-table; vertical-align: middle;"><tr><td>1</td><td>2</td><td>3</td><td>D</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr></table></p> <p>35. I want to go (1 two 2 to 3 too). <table style="display: inline-table; vertical-align: middle;"><tr><td>1</td><td>2</td><td>3</td><td>D</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr></table></p> <p>36. It is (1 nite 2 night 3 nieght). <table style="display: inline-table; vertical-align: middle;"><tr><td>1</td><td>2</td><td>3</td><td>D</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr></table></p> <p>37. Do you (1 no 2 know 3 now) him? <table style="display: inline-table; vertical-align: middle;"><tr><td>1</td><td>2</td><td>3</td><td>D</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr></table></p> <p>38. Where has he (1 bin 2 ben 3 been)? <table style="display: inline-table; vertical-align: middle;"><tr><td>1</td><td>2</td><td>3</td><td>D</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr></table></p> <p>39. See the (1 people 2 pople 3 peple). <table style="display: inline-table; vertical-align: middle;"><tr><td>1</td><td>2</td><td>3</td><td>D</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr></table></p> <p>40. (1 Tak 2 Take 3 Teke) some candy. <table style="display: inline-table; vertical-align: middle;"><tr><td>1</td><td>2</td><td>3</td><td>D</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr><tr><td>:</td><td>:</td><td>:</td><td>:</td></tr></table></p> | 1 | 2 | 3 | D | : | : | : | : | : | : | : | : | : | : | : | : | 1 | 2 | 3 | D | : | : | : | : | : | : | : | : | : | : | : | : | 1 | 2 | 3 | D | : | : | : | : | : | : | : | : | : | : | : | : | 1 | 2 | 3 | D | : | : | : | : | : | : | : | : | : | : | : | : | 1 | 2 | 3 | D | : | : | : | : | : | : | : | : | : | : | : | : | 1 | 2 | 3 | D | : | : | : | : | : | : | : | : | : | : | : | : | 1 | 2 | 3 | D | : | : | : | : | : | : | : | : | : | : | : | : | 1 | 2 | 3 | D | : | : | : | : | : | : | : | : | : | : | : | : | 1 | 2 | 3 | D | : | : | : | : | : | : | : | : | : | : | : | : | 1 | 2 | 3 | D | : | : | : | : | : | : | : | : | : | : | : | : | 1 | 2 | 3 | D | : | : | : | : | : | : | : | : | : | : | : | : | 1 | 2 | 3 | D | : | : | : | : | : | : | : | : | : | : | : | : | 1 | 2 | 3 | D | : | : | : | : | : | : | : | : | : | : | : | : | 1 | 2 | 3 | D | : | : | : | : | : | : | : | : | : | : | : | : | 1 | 2 | 3 | D | : | : | : | : | : | : | : | : | : | : | : | : |
| 1  | 2 | 3 | D |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :  | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :  | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :  | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 1  | 2 | 3 | D |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :  | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :  | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :  | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 1  | 2 | 3 | D |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :  | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :  | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :  | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 1  | 2 | 3 | D |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :  | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :  | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :  | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 1  | 2 | 3 | D |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :  | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :  | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :  | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 1  | 2 | 3 | D |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :  | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :  | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :  | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 1  | 2 | 3 | D |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :  | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :  | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :  | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 1  | 2 | 3 | D |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :  | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :  | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :  | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 1  | 2 | 3 | D |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :  | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :  | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :  | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 1  | 2 | 3 | D |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :  | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :  | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :  | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 1  | 2 | 3 | D |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :  | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :  | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :  | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 1  | 2 | 3 | D |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :  | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :  | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :  | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 1  | 2 | 3 | D |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :  | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :  | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :  | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 1  | 2 | 3 | D |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :  | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :  | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :  | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 1  | 2 | 3 | D |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :  | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :  | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :  | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 1  | 2 | 3 | D |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :  | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :  | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :  | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 1  | 2 | 3 | D |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :  | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :  | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :  | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 1  | 2 | 3 | D |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :  | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :  | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :  | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 1  | 2 | 3 | D |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :  | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :  | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :  | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 1  | 2 | 3 | D |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :  | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :  | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :  | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 1  | 2 | 3 | D |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :  | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :  | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :  | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 1  | 2 | 3 | D |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :  | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :  | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :  | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 1  | 2 | 3 | D |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :  | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :  | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :  | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 1  | 2 | 3 | D |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :  | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :  | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :  | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 1  | 2 | 3 | D |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :  | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :  | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :  | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 1  | 2 | 3 | D |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :  | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :  | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :  | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 1  | 2 | 3 | D |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :  | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :  | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :  | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 1  | 2 | 3 | D |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :  | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :  | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| :  | : | : | : |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 1  | 2 | 3 | D |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
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| 1  | 2 | 3 | D |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
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| 41. He is a big (1 boy 2 bay 3 boye).                 | 1 | 2 | 3 | D | 71. I (1 love 2 luv 3 lov) my daddy.                    | 1 | 2 | 3 | D |
| 42. I (1 hop 2 hope 3 hap) to see you.                | 1 | 2 | 3 | D | 72. (1 Red 2 Reade 3 Read) the story.                   | 1 | 2 | 3 | D |
| 43. Can you (1 tall 2 tel 3 tell) a story?            | 1 | 2 | 3 | D | 73. I had (1 somthing 2 something 3 somethinge) to eat. | 1 | 2 | 3 | D |
| 44. Where are the (1 children 2 cheldren 3 childran)? | 1 | 2 | 3 | D | 74. I have a (1 brouther 2 brother 3 brothere).         | 1 | 2 | 3 | D |
| 45. (1 Wich 2 Which 3 Witch) one is here?             | 1 | 2 | 3 | D | 75. I (1 never 2 nover 3 nevere) cry.                   | 1 | 2 | 3 | D |
| 46. I went (1 arond 2 around 3 arounde) the house.    | 1 | 2 | 3 | D | 76. I went to (1 toun 2 town 3 towne).                  | 1 | 2 | 3 | D |
| 47. It was a (1 long 2 lang 3 lange) time.            | 1 | 2 | 3 | D | 77. He is a (1 great 2 grate 3 greate) man.             | 1 | 2 | 3 | D |
| 48. I (1 started 2 stated 3 startted) to go.          | 1 | 2 | 3 | D | 78. Do this the first (1 thing 2 ting 3 thinge).        | 1 | 2 | 3 | D |
| 49. There are many good (1 things 2 tings 3 thangs).  | 1 | 2 | 3 | D | 79. (1 Pleas 2 Please 3 Plees) read to me.              | 1 | 2 | 3 | D |
| 50. Are there (1 any 2 eny 3 anye) girls here?        | 1 | 2 | 3 | D | 80. This is our (1 country 2 contry 3 contrey).         | 1 | 2 | 3 | D |
| 51. Take (1 off 2 of 3 ofe) your hat.                 | 1 | 2 | 3 | D | 81. This is my daddy's (1 lote 2 lot 3 lout).           | 1 | 2 | 3 | D |
| 52. Go (1 away 2 avay 3 awaye).                       | 1 | 2 | 3 | D | 82. The ball is (1 large 2 lage 3 larg).                | 1 | 2 | 3 | D |
| 53. I have seen you (1 before 2 befor 3 beforee).     | 1 | 2 | 3 | D | 83. (1 Ech 2 Each 3 Eche) boy has a toy.                | 1 | 2 | 3 | D |
| 54. (1 Eat 2 Ete 3 Eate) your food.                   | 1 | 2 | 3 | D | 84. He has (1 lotes 2 lots 3 lotts) of money.           | 1 | 2 | 3 | D |
| 55. (1 Close 2 Clos 3 Closee) the door.               | 1 | 2 | 3 | D | 85. He (1 loved 2 livd 3 livde) in a house.             | 1 | 2 | 3 | D |

**BE SURE YOUR MARKS ARE HEAVY AND BLACK  
ERASE COMPLETELY ANY ANSWER YOU WISH TO CHANGE**

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|--|---|---|---|---|---|---|---|---|---|
| 56. That is (1 nise 2 mice 3 nice).                      | 1 | 2 | 3 | D | 86. (1 Keepe 2 Cep 3 Keep) the house clean.           | 1 | 2 | 3 | D |
| 57. Mother (1 called 2 calld 3 colled) me.               | 1 | 2 | 3 | D | 87. We eat (1 diner 2 dinner 3 dinere) at night.      | 1 | 2 | 3 | D |
| 58. The snow is (1 wite 2 white 3 whit).                 | 1 | 2 | 3 | D | 88. I will (1 set 2 sat 3 sete) my doll down.         | 1 | 2 | 3 | D |
| 59. I am six (1 yers 2 yeers 3 years) old.               | 1 | 2 | 3 | D | 89. He rode the (1 horse 2 hors 3 hoers).             | 1 | 2 | 3 | D |
| 60. She (1 gave 2 gav 3 geve) the book to me.            | 1 | 2 | 3 | D | 90. I like (1 food 2 fod 3 foode)                     | 1 | 2 | 3 | D |
| 61. I am (1 geting 2 getting 3 getinge) well.            | 1 | 2 | 3 | D | 91. (1 May 2 Nay 3 Maye) I go?                        | 1 | 2 | 3 | D |
| 62. This (1 allso 2 also 3 alsow) is for you.            | 1 | 2 | 3 | D | 92. Read the (1 storey 2 sotre 3 stary).              | 1 | 2 | 3 | D |
| 63. You (1 shoud 2 sould 3 should) go to bed.            | 1 | 2 | 3 | D | 93. Mother is (1 beautiful 2 beautifull 3 beutiful).  | 1 | 2 | 3 | D |
| 64. I have a (1 cor 2 car 3 care).                       | 1 | 2 | 3 | D | 94. I like this (1 cite 2 city 3 citey).              | 1 | 2 | 3 | D |
| 65. (1 Lat 2 Let 3 Leet) go of him.                      | 1 | 2 | 3 | D | 95. The book has been (1 used 2 yoused 3 useed).      | 1 | 2 | 3 | D |
| 66. I like the (1 sumer 2 summer 3 somer) time.          | 1 | 2 | 3 | D | 96. I have some (1 monney 2 mony 3 money).            | 1 | 2 | 3 | D |
| 67. (1 Red 2 Rad 3 Ride) is a pretty color.              | 1 | 2 | 3 | D | 97. The hill is (1 high 2 hie 3 highe).               | 1 | 2 | 3 | D |
| 68. (1 Look 2 Lak 3 Loak) at the train.                  | 1 | 2 | 3 | D | 98. I went (1 ander 2 under 3 undr) the tree.         | 1 | 2 | 3 | D |
| 69. I (1 wonted 2 wanted 3 wanteed) to go.               | 1 | 2 | 3 | D | 99. I like to ride the (1 tran 2 train 3 traine).     | 1 | 2 | 3 | D |
| 70. There are six (1 girls 2 grils 3 girles) in my room. | 1 | 2 | 3 | D | 100. I am (1 writing 2 writeing 3 writting) a letter. | 1 | 2 | 3 | D |



DIRECTIONS TO THE TEACHER: You are to read these directions aloud. You should check to see that each child answers the sample correctly. What you are to say to the children is underscored. First, write this sample on the blackboard.

Sample A: I have a (1 doge 2 dog 3 dag)     1 2 3 D

After special IBM pencils and tests have been distributed, say to the children: Do not pick up your pencils until I tell you. You must follow my directions carefully. Now pick up your pencils and write your name at the top of the page; then write the name of your school. Teacher gives school. Lay down your pencils. This is an exercise to see how well you can spell. You must listen closely so you will know how to mark your paper. I have written a sample on the blackboard. The same sample is on your paper as Sample A. Teacher shows where Sample A is. Look at the sample: I have a (1 d-o-g-e 2 d-o-g 3 d-a-g)

Notice that you have words numbered 1, 2 and 3. Which one spells "dog" correctly? Wait for answer. Number two is correct because it says: d-o-g, so I will fill in the numbered space at the right under -2-. On your paper the space under number -2- has been filled in. There are four blank spaces at the right. If none of the three numbered words is correct, mark under column four, -D-, which means different. Now let's see if you can mark Sample B on your paper. Look at the sample. I will say the word, use it in the sentence, and say the word again as printed on your paper. You are to mark the space below the same number at the right that the correct word has. Sample B: the word is -will-. I will go. -will-. Wait for pupils to mark their papers. The correct answer is -3- because it says: w-i-l-l-. See if everyone marked -3-. If you should mark a space that you think is wrong, erase carefully and then mark the correct one. Are there any questions? I cannot answer questions after we start. Now I will say the word, read the sentence using the word, and repeat the word. You mark the space below the number which has the correct spelling, just like you did in the sample. Teacher begins, saying the word, reading the sentence and repeating the word.

Sample A. I have a (1 doge 2 dog 3 dag).     1 2 3 D

Sample B. I (1 wil 2 well 3 will) go.     1 2 3 D

- 1. He (1 begain 2 began 3 begane) to run.     1 2 3 D
- 2. She has pretty (1 aeys 2 eyes 3 eys).     1 2 3 D
- 3. He is in my (1 clase 2 clas 3 class).     1 2 3 D
- 4. The boys are (1 different 2 diffrent 3 differant).     1 2 3 D

20. He is not (1 quiet 2 quit 3 quite) as tall as I.     1 2 3 D

21. I live two (1 mills 2 mils 3 miles) from school.     1 2 3 D

22. He (1 killed 2 killd 3 kild) the snake.     1 2 3 D

23. I (1 wont 2 won'te 3 won't) go.     1 2 3 D

24. The book was (1 lost 2 loast 3 loss).     1 2 3 D

25. I went (1 fishing 2 fiching 3 fisching).     1 2 3 D

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5. He gave me (1 part 2 pard 3 parte) of his apple.     1 2 3 D

6. We have some Easter (1 egges 2 eges 3 aggs).     1 2 3 D

7. He has (1 gone 2 gon 3 goan) to school.     1 2 3 D

8. He left long (1 go 2 ogo 3 ago).     1 2 3 D

9. I went to school (1 yester-day 2 yestrday 3 yesterday).     1 2 3 D

10. We (1 decided 2 desided 3 descided) to go.     1 2 3 D

11. The flower is (1 yello 2 yellow 3 yellow).     1 2 3 D

12. The (1 bare 2 bar 3 bear) is brown.     1 2 3 D

13. The (1 woreld 2 wold 3 world) is round.     1 2 3 D

14. They (1 stad 2 stayd 3 stayed) home.     1 2 3 D

15. The car went (1 fas 2 fast 3 fat).     1 2 3 D

16. This is the (1 frount 2 frunt 3 front) of the house.     1 2 3 D

17. He went to (1 wor 2 war 3 wore).     1 2 3 D

18. He was a (1 bad 2 bed 3 bade) boy.     1 2 3 D

19. I (1 knew 2 new 3 newe) my lesson.     1 2 3 D

26. The (1 road 2 rode 3 roade) is wide.     1 2 3 D

27. The fire is (1 warm 2 worm 3 warme).     1 2 3 D

28. The (1 leaves 2 leves 3 leafs) are green.     1 2 3 D

29. I am (1 reding 2 reading 3 redding) a book.     1 2 3 D

30. (1 Thankgiving 2 Thanksgiving 3 Thenskgiving) is here.     1 2 3 D

31. The (1 doges 2 dogs 3 dags) are running.     1 2 3 D

32. The stars are (1 fare 2 for 3 far) away.     1 2 3 D

33. My dog was (1 bron 2 born 3 barne) a week ago.     1 2 3 D

34. The (1 cow 2 caw 3 cau) eats grass.     1 2 3 D

35. I (1 junped 2 jumped 3 jump) the rope yesterday.     1 2 3 D

36. They (1 built 2 bult 3 bilt) a new house.     1 2 3 D

37. I am going (1 rideing 2 ridding 3 riding).     1 2 3 D

38. The car (1 stoppet 2 stopped 3 stoped).     1 2 3 D

39. The tree is (1 even 2 evn 3 evan) with the top of the house.     1 2 3 D

40. The (1 gras 2 grass 3 gress) is green.     1 2 3 D

- |   |   |   |   |   |  |   |   |   |   |
|---|---|---|---|---|--|---|---|---|---|
| 41. The (1 bilding 2 bulding 3 building) is big.              | 1 | 2 | 3 | D | 71. Here is my (1 dade 2 dad 3 dead).              | 1 | 2 | 3 | D |
| 42. We took (1 everything 2 everthing 3 everythang) we wanted | 1 | 2 | 3 | D | 72. We (1 offen 2 ofen 3 often) go there.          | 1 | 2 | 3 | D |
| 43. Mother (1 maks 2 makes 3 makse) candy.                    | 1 | 2 | 3 | D | 73. We have (1 moved 2 movd 3 muved).              | 1 | 2 | 3 | D |
| 44. The (1 lak 2 leak 3 lake) is pretty.                      | 1 | 2 | 3 | D | 74. I read (1 storys 2 stores 3 stories).          | 1 | 2 | 3 | D |
| 45. I have two (1 kindes 2 kins 3 kinds) of candy.            | 1 | 2 | 3 | D | 75. Sit in this (1 char 2 chair 3 chiar).          | 1 | 2 | 3 | D |
| 46. I am going (1 outside 2 outsid 3 outside).                | 1 | 2 | 3 | D | 76. We went out into the (1 feild 2 field 3 feld). | 1 | 2 | 3 | D |
| 47. The pig is (1 fat 2 fet 3 fate).                          | 1 | 2 | 3 | D | 77. I have some (1 skates 2 scates 3 skats).       | 1 | 2 | 3 | D |
| 48. I love (1 mama 2 momma 3 mamma).                          | 1 | 2 | 3 | D | 78. I have to (1 steady 2 study 3 stedy).          | 1 | 2 | 3 | D |
| 49. I will (1 turne 2 trun 3 turn) around.                    | 1 | 2 | 3 | D | 79. These are the (1 uns 2 ones 3 unes).           | 1 | 2 | 3 | D |
| 50. He (1 shote 2 shot 3 shat) the bear.                      | 1 | 2 | 3 | D | 80. He has a big (1 stik 2 stic 3 stick).          | 1 | 2 | 3 | D |
| 51. He (1 isn't 2 isen't 3 isant) here.                       | 1 | 2 | 3 | D | 81. Hear the (1 noise 2 nose 3 nois)?              | 1 | 2 | 3 | D |
| 52. I ate my (1 launch 2 lunch 3 lanch).                      | 1 | 2 | 3 | D | 82. The ball is (1 rond 2 ronde 3 round).          | 1 | 2 | 3 | D |
| 53. This is (1 mine 2 mind 3 min).                            | 1 | 2 | 3 | D | 83. (1 Carry 2 Cary 3 Carrie) these books.         | 1 | 2 | 3 | D |
| 54. I know that (1 pusen 2 persone 3 person).                 | 1 | 2 | 3 | D | 84. I (1 picked pickt 3 piked) the apples.         | 1 | 2 | 3 | D |
| 55. I like to (1 ware 2 wear 3 were) my new shoes.            | 1 | 2 | 3 | D | 85. The birds go (1 soth 2 sorth 3 south).         | 1 | 2 | 3 | D |

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- |  |   |   |   |   |  |   |   |   |   |
|--|---|---|---|---|--|---|---|---|---|
| 56. Do you see the (1 seep 2 sheep 3 shep)?                  | 1 | 2 | 3 | D | 86. I have some (1 Ester 2 Easter 3 easter) eggs.                  | 1 | 2 | 3 | D |
| 57. (1 Shall 2 Sal 3 Sall) I go?                             | 1 | 2 | 3 | D | 87. I want a new (1 toy 2 toi 3 toye).                             | 1 | 2 | 3 | D |
| 58. (1 Thate's 2 Thats 3 That's) my house.                   | 1 | 2 | 3 | D | 88. I know my (1 histry 2 history 3 histroy) lesson.               | 1 | 2 | 3 | D |
| 59. I have an (1 aple 2 apple 3 apel)                        | 1 | 2 | 3 | D | 89. The pencil is four (1 inches 2 inchs 3 enches) long.           | 1 | 2 | 3 | D |
| 60. Do you like (1 brade 2 brad 3 bred)?                     | 1 | 2 | 3 | D | 90. I have new (1 stokings 2 stocings 3 stockings).                | 1 | 2 | 3 | D |
| 61. It (1 happend 2 happned 3 happened) here.                | 1 | 2 | 3 | D | 91. The (1 docter 2 doctor 3 dokter) is nice.                      | 1 | 2 | 3 | D |
| 62. I can go (1 tomorow 2 tomorrow 3 tomorrow).              | 1 | 2 | 3 | D | 92. Have you seen (1 wheat 2 weat 3 whet) grow?                    | 1 | 2 | 3 | D |
| 63. Do not (1 kill 2 cill 3 kil) birds.                      | 1 | 2 | 3 | D | 93. I am (1 takeing 2 tacking 3 taking) him with me.               | 1 | 2 | 3 | D |
| 64. Wait five (1 minuts 2 minutes 3 minits).                 | 1 | 2 | 3 | D | 94. Come to see me on (1 Munday 2 Mondy 3 Monday).                 | 1 | 2 | 3 | D |
| 65. Look out the (1 windows 2 windous 3.wendows).            | 1 | 2 | 3 | D | 95. Look at his (1 noze 2 nose 3 knows).                           | 1 | 2 | 3 | D |
| 66. He ate the (1 nertz 2 nuts 3 nutz).                      | 1 | 2 | 3 | D | 96. I have been to three (1 skools 2 scools 3 schools).            | 1 | 2 | 3 | D |
| 67. See the birds (1 fli 2 fly 3 flay).                      | 1 | 2 | 3 | D | 97. Can you (1 sall 2 sell 3 sail) me some candy?                  | 1 | 2 | 3 | D |
| 68. (1 Coal 2 Cool 3 Ccle) is black.                         | 1 | 2 | 3 | D | 98. He (1 doesnt 2 doesn't 3 dosn't) go to this school.            | 1 | 2 | 3 | D |
| 69. I have been (1 studing 2 studying 3 studding).           | 1 | 2 | 3 | D | 99. Please (1 move 2 muve 3 mov) the chair.                        | 1 | 2 | 3 | D |
| 70. He is (1 president 2 present 3 presidents) of the class. | 1 | 2 | 3 | D | 100. I went to see my (1 grandfarther 2 grandfathr 3 grandfather). | 1 | 2 | 3 | D |

DIRECTIONS TO THE TEACHER: You are to read these directions aloud. You should check to see that each child answers the sample correctly. What you are to say to the children is underscored. First, write this sample on the blackboard.

Sample A: I have a (1 doge 2 dog 3 dag) 1 2 3 D  
: : : :  
: : : :  
After special IBM pencils and tests have been distributed, say to the children: Do not pick up your pencils until I tell you. You must follow my directions carefully. Now pick up your pencils and write your name at the top of the page; then write the name of your school. Teacher gives school. Lay down your pencils. This is an exercise to see how well you can spell. You must listen closely so you will know how to mark your paper. I have written a sample on the blackboard. The same sample is on your paper as Sample A. Teacher shows where Sample A is. Look at the sample: I have a (1 d-o-g-e 2 d-o-g 3 d-a-g)  
Notice that you have words numbered 1, 2 and 3. Which one spells "dog" correctly? Wait for answer. Number two is correct because it says: d-o-g, so I will fill in the numbered space at the right under -2-. On your paper the space under number -2- has been filled in. There are four blank spaces at the right. If none of the three numbered words is correct, mark under column four, -D-, which means different. Now let's see if you can mark Sample B on your paper. Look at the sample. I will say the word, use it in the sentence, and say the word again as printed on your paper. You are to mark the space below the same number at the right that the correct word has. Sample B: the word is -will-. I will go, -will-. Wait for pupils to mark their papers. The correct answer is -3- because it says: w-i-l-l. See if everyone marked -3-. If you should mark a space that you think is wrong, erase carefully and then mark the correct one. Are there any questions? I cannot answer questions after we start. Now I will say the word, read the sentence using the word, and repeat the word. You mark the space below the number which has the correct spelling, just like you did in the sample. Teacher begins, saying the word, reading the sentence and repeating the word.

- |   |  |   |
|---|--|---|
| <p>Sample A. I have a (1 doge 2 dog 3 dag). <span style="display: inline-block; vertical-align: middle; text-align: center;">1 2 3 D<br/>: : : :<br/>: : : :</span></p> <p>Sample B. I (1 wil 2 well 3 will) go. <span style="display: inline-block; vertical-align: middle; text-align: center;">1 2 3 D<br/>: : : :<br/>: : : :</span></p> <p>1. (1 It's 2 Its 3 Itz) a beautiful day. <span style="display: inline-block; vertical-align: middle; text-align: center;">1 2 3 D<br/>: : : :<br/>: : : :</span></p> <p>2. It is my (1 brithday 2 birthday 3 birthdays). <span style="display: inline-block; vertical-align: middle; text-align: center;">1 2 3 D<br/>: : : :<br/>: : : :</span></p> <p>3. I have some new (1 clothes 2 cloths 3 close). <span style="display: inline-block; vertical-align: middle; text-align: center;">1 2 3 D<br/>: : : :<br/>: : : :</span></p> <p>4. I (1 recieved 2 rescived 3 received) a letter. <span style="display: inline-block; vertical-align: middle; text-align: center;">1 2 3 D<br/>: : : :<br/>: : : :</span></p> |  | <p>20. It is (1 almost 2 allmost 3 almust) time. <span style="display: inline-block; vertical-align: middle; text-align: center;">1 2 3 D<br/>: : : :<br/>: : : :</span></p> <p>21. It is made of (1 wod 2 wode 3 wood). <span style="display: inline-block; vertical-align: middle; text-align: center;">1 2 3 D<br/>: : : :<br/>: : : :</span></p> <p>22. (1 Finaly 2 Finally 3 Finelly) he came. <span style="display: inline-block; vertical-align: middle; text-align: center;">1 2 3 D<br/>: : : :<br/>: : : :</span></p> <p>23. It is a pretty (1 sled 2 slad 3 slede). <span style="display: inline-block; vertical-align: middle; text-align: center;">1 2 3 D<br/>: : : :<br/>: : : :</span></p> <p>24. Wait for two (1 weaks 2 weeks 3 wikes). <span style="display: inline-block; vertical-align: middle; text-align: center;">1 2 3 D<br/>: : : :<br/>: : : :</span></p> <p>25. My father goes (1 hunting 2 honting 3 huntin). <span style="display: inline-block; vertical-align: middle; text-align: center;">1 2 3 D<br/>: : : :<br/>: : : :</span></p> |
|---|--|---|

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- |  |  |  |
|--|--|--|
| <p>5. He lives (1 near 2 ner 3 neare) me. <span style="display: inline-block; vertical-align: middle; text-align: center;">1 2 3 D<br/>: : : :<br/>: : : :</span></p> <p>6. I can climb the (1 hil 2 hile 3 hill). <span style="display: inline-block; vertical-align: middle; text-align: center;">1 2 3 D<br/>: : : :<br/>: : : :</span></p> <p>7. See the (1 tap 2 top 3 tope) of the tree. <span style="display: inline-block; vertical-align: middle; text-align: center;">1 2 3 D<br/>: : : :<br/>: : : :</span></p> <p>8. I will (1 buy 2 by 3 bye) a new toy. <span style="display: inline-block; vertical-align: middle; text-align: center;">1 2 3 D<br/>: : : :<br/>: : : :</span></p> <p>9. It is (1 sping 2 spring 3 springe). <span style="display: inline-block; vertical-align: middle; text-align: center;">1 2 3 D<br/>: : : :<br/>: : : :</span></p> <p>10. This is the (1 and 2 ende 3 end) of the story. <span style="display: inline-block; vertical-align: middle; text-align: center;">1 2 3 D<br/>: : : :<br/>: : : :</span></p> <p>11. She has brown (1 har 2 hair 3 hare). <span style="display: inline-block; vertical-align: middle; text-align: center;">1 2 3 D<br/>: : : :<br/>: : : :</span></p> <p>12. I like to eat (1 corn 2 con 3 cron). <span style="display: inline-block; vertical-align: middle; text-align: center;">1 2 3 D<br/>: : : :<br/>: : : :</span></p> <p>13. He wants to (1 rest 2 rast 3 reste). <span style="display: inline-block; vertical-align: middle; text-align: center;">1 2 3 D<br/>: : : :<br/>: : : :</span></p> <p>14. We will have a (1 vaction 2 vakation 3 vacashon). <span style="display: inline-block; vertical-align: middle; text-align: center;">1 2 3 D<br/>: : : :<br/>: : : :</span></p> <p>15. Wait (1 till 2 tell 3 til) he comes back. <span style="display: inline-block; vertical-align: middle; text-align: center;">1 2 3 D<br/>: : : :<br/>: : : :</span></p> <p>16. Watch my right (1 hand 2 hande 3 hend). <span style="display: inline-block; vertical-align: middle; text-align: center;">1 2 3 D<br/>: : : :<br/>: : : :</span></p> <p>17. I am going (1 Saturday 2 Saturda 3 saturday). <span style="display: inline-block; vertical-align: middle; text-align: center;">1 2 3 D<br/>: : : :<br/>: : : :</span></p> <p>18. See his new (1 shose 2 shoose 3 shoes). <span style="display: inline-block; vertical-align: middle; text-align: center;">1 2 3 D<br/>: : : :<br/>: : : :</span></p> <p>19. (1 Opin 2 Open 3 Opne) the door. <span style="display: inline-block; vertical-align: middle; text-align: center;">1 2 3 D<br/>: : : :<br/>: : : :</span></p> |  | <p>26. He (1 bot 2 bought 3 boght) a new hat. <span style="display: inline-block; vertical-align: middle; text-align: center;">1 2 3 D<br/>: : : :<br/>: : : :</span></p> <p>27. This is a clean (1 floor 2 flor 3 flore). <span style="display: inline-block; vertical-align: middle; text-align: center;">1 2 3 D<br/>: : : :<br/>: : : :</span></p> <p>28. They have been on a (1 trype 2 trep 3 trip). <span style="display: inline-block; vertical-align: middle; text-align: center;">1 2 3 D<br/>: : : :<br/>: : : :</span></p> <p>29. I (1 rot 2 wroot 3 wrote) a letter. <span style="display: inline-block; vertical-align: middle; text-align: center;">1 2 3 D<br/>: : : :<br/>: : : :</span></p> <p>30. I saw my (1 grandmother 2 granmother 3 grandmuther). <span style="display: inline-block; vertical-align: middle; text-align: center;">1 2 3 D<br/>: : : :<br/>: : : :</span></p> <p>31. That was a (1 funy 2 funny 3 funney) story. <span style="display: inline-block; vertical-align: middle; text-align: center;">1 2 3 D<br/>: : : :<br/>: : : :</span></p> <p>32. He was a (1 por 2 poor 3 pour) man. <span style="display: inline-block; vertical-align: middle; text-align: center;">1 2 3 D<br/>: : : :<br/>: : : :</span></p> <p>33. She has two (1 hores 2 horeses 3 horses). <span style="display: inline-block; vertical-align: middle; text-align: center;">1 2 3 D<br/>: : : :<br/>: : : :</span></p> <p>34. Don't (1 fall 2 fol 3 fal) down. <span style="display: inline-block; vertical-align: middle; text-align: center;">1 2 3 D<br/>: : : :<br/>: : : :</span></p> <p>35. Look at (1 those 2 thos 3 thoes) people. <span style="display: inline-block; vertical-align: middle; text-align: center;">1 2 3 D<br/>: : : :<br/>: : : :</span></p> <p>36. He (1 turnd 2 turned 3 torned) around. <span style="display: inline-block; vertical-align: middle; text-align: center;">1 2 3 D<br/>: : : :<br/>: : : :</span></p> <p>37. It is time for (1 supr 2 suppre 3 supper). <span style="display: inline-block; vertical-align: middle; text-align: center;">1 2 3 D<br/>: : : :<br/>: : : :</span></p> <p>38. The man has a (1 gon 2 gun 3 gune). <span style="display: inline-block; vertical-align: middle; text-align: center;">1 2 3 D<br/>: : : :<br/>: : : :</span></p> <p>39. The flowers (1 gro 2 gow 3 grow) tall. <span style="display: inline-block; vertical-align: middle; text-align: center;">1 2 3 D<br/>: : : :<br/>: : : :</span></p> <p>40. I like to go (1 woking 2 walking 3 woulking). <span style="display: inline-block; vertical-align: middle; text-align: center;">1 2 3 D<br/>: : : :<br/>: : : :</span></p> |
|--|--|--|

- |   |         |  |         |
|---|---------|--|---------|
| 41. He wears a black (1 coat<br>2 cot 3 cote).            | 1 2 3 D | 71. He likes to (1 tak 2 talk<br>3 taulk).                   | 1 2 3 D |
| 42. She has a pretty (1 fas<br>2 fase 3 face).            | 1 2 3 D | 72. I have seen an (1 Indain 2 Indian<br>3 Inden).           | 1 2 3 D |
| 43. Draw on the (1 line 2 lin<br>3 ling).                 | 1 2 3 D | 73. Give me a (1 pencil 2 pencle<br>3 pensel).               | 1 2 3 D |
| 44. They came (1 doring 2 durin<br>3 during) the show.    | 1 2 3 D | 74. Can you hear my (1 raido 2 radio<br>3 radeo)?            | 1 2 3 D |
| 45. It is a strong (1 wind 2 wid<br>3 win).               | 1 2 3 D | 75. I have two (1 names 2 nam<br>3 manes).                   | 1 2 3 D |
| 46. She (1 pays 2 plays 3 play)<br>with the doll.         | 1 2 3 D | 76. How are you (1 felling 2 filling<br>3 feeling)?          | 1 2 3 D |
| 47. My stocking has a (1 hole<br>2 hold 3 hol).           | 1 2 3 D | 77. I (1 need 2 ned 3 nede) a new<br>coat.                   | 1 2 3 D |
| 48. (1Marry 2 Merry 3 Mary)<br>Christmas to you.          | 1 2 3 D | 78. His (1 moth 2 mouth 3 mothe) is<br>full.                 | 1 2 3 D |
| 49. (1 Wate 2 Waite 3 Wait) for<br>me.                    | 1 2 3 D | 79. The dog doesn't have a (1 tail<br>2 tall 3 tale).        | 1 2 3 D |
| 50. He got five (1 letters<br>2 letters 3 litters) today. | 1 2 3 D | 80. Do you (1 rember 2 remimber<br>3 remember)?              | 1 2 3 D |
| 51. Please (1 sit 2 sat 3 set)<br>by me.                  | 1 2 3 D | 81. Does he have any (1 brouthers<br>2 brothers 3 bruthers)? | 1 2 3 D |
| 52. (1 Wuldn't 2 Wouldnt<br>3 Wouldn't) you like to come? | 1 2 3 D | 82. (1 Lae 2 Lay 3 La) the book here.                        | 1 2 3 D |
| 53. She has two (1 dalls 2 dolls<br>3 dols).              | 1 2 3 D | 83. The car (1 passed 2 past 3 passt)<br>me.                 | 1 2 3 D |
| 54. I came by (1 myself<br>2 mysef 3 myselfe).            | 1 2 3 D | 84. The horse was (1 wilde 2 wile<br>3 wild).                | 1 2 3 D |
| 55. I see (1 nen 2 nine 3 ninne)<br>boys.                 | 1 2 3 D | 85. I know two (1 was 2 ways 3 waes)<br>to go.               | 1 2 3 D |

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- |  |         |  |         |
|--|---------|--|---------|
| 56. He (1 rod 2 road 3 rode) a<br>horse.               | 1 2 3 D | 86. Come (1 inside 2 insid 3 incide)<br>the house. | 1 2 3 D |
| 57. She (1 broke 2 brok 3 brock)<br>it.                | 1 2 3 D | 87. The sun is (1 brit 2 bright<br>3 brite).       | 1 2 3 D |
| 58. I am not (1 afriad 2 afraid<br>3 afrade).          | 1 2 3 D | 88. He was (1 pulled 2 palled<br>3 polled) back.   | 1 2 3 D |
| 59. May I have a (1 drik 2 drink<br>3 drenk) of water? | 1 2 3 D | 89. It (1 taks 2 takes 3 tacks) time.              | 1 2 3 D |
| 60. Have you seen the (1 sea<br>2 see 3 cea)?          | 1 2 3 D | 90. She (1 dresst 2 dresed 3 dressed)<br>her doll. | 1 2 3 D |
| 61. You have a pretty (1 sute<br>2 suite 3 suit).      | 1 2 3 D | 91. The man is (1 tale 2 tall<br>3 toll).          | 1 2 3 D |
| 62. The horse is in the (1 bran<br>2 barn 3 born).     | 1 2 3 D | 92. We are (1 bussy 2 buisy 3 busy).               | 1 2 3 D |
| 63. That is made of (1 irn<br>2 iorn 3 iron).          | 1 2 3 D | 93. Please (1 pas 2 passe 3 pass)<br>the bread.    | 1 2 3 D |
| 64. It is (1 nealy 2 nearly<br>3 neary) time to go.    | 1 2 3 D | 94. He (1 stod 2 stood 3 stode) a<br>long time.    | 1 2 3 D |
| 65. We went to the (1 park<br>2 parck 3 parke).        | 1 2 3 D | 95. That is a pretty (1 ring 2 ringe<br>3 wring).  | 1 2 3 D |
| 66. He can (1 lern 2 larn<br>3 learn) to write.        | 1 2 3 D | 96. Someone (1 els 2 else 3 else)<br>must go.      | 1 2 3 D |
| 67. Have you been (1 wurking<br>2 working 3 worcking)? | 1 2 3 D | 97. He is almost (1 twelv 2 twelf<br>3 twelve).    | 1 2 3 D |
| 68. He ran (1 between 2 betwen<br>3 beteen) us.        | 1 2 3 D | 98. They have two (1 kats 2 cates<br>3 cats).      | 1 2 3 D |
| 69. He can (1 build 2 bild<br>3 biuld) a house.        | 1 2 3 D | 99. He (1 runs 2 rons 3 ruins) fast.               | 1 2 3 D |
| 70. It has been very (1 dri<br>2 drie 3 dry).          | 1 2 3 D | 100. He hurt his (1 lag 2 leg 3 lege).             | 1 2 3 D |

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Now let's see if you can mark Sample B on your paper. (Pause) Number -3- is correct because it says: w-i-l-l. Are there any questions? (Stop to answer questions). Mark all of the sentences as you did the sample you have just completed, placing a mark under the number which has the correct spelling. If you mark one that you think is wrong, erase carefully and mark the correct one.

The papers will be collected when most of the students have completed the test.

Begin.

- |   |   |
|---|---|
| <p>Sample A. I have a (1 doge 2 dog<br/>3 dag).</p> <p>Sample B. I (1 wil 2 well<br/>3 will) go.</p> <p>1. He (1 ets 2 eats 3 etes)<br/>lunch at noon.</p> <p>2. I walk (1 alon 2 elon<br/>3 alone) to school.</p> <p>3. I (1 forgot 2 foregot<br/>3 forgott) my lesson.</p> <p>4. The tree is (1 dead 2 ded<br/>3 dede).</p> | <p>20. I never (1 bot 2 bet 3 beat)<br/>money.</p> <p>21. I know who (1 discovered 2 dis-<br/>covered 3 discovered) this country.</p> <p>22. I must (1 mide 2 mind 3 minde)<br/>my mother.</p> <p>23. The ball is made of (1 rubbere<br/>2 ruber 3 rubber).</p> <p>24. Mother's (1 plats 2 plantes<br/>3 plants) are growing.</p> <p>25. I love my (1 parents 2 perents<br/>3 parants).</p> |
|---|---|

**BE SURE YOUR MARKS ARE HEAVY AND BLACK  
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- |   |   |
|---|---|
| <p>5. This is a (1 lovly 2 luvly<br/>3 lovely) day.</p> <p>6. We study about many (1 coun-<br/>tries 2 countrys 3 contries).</p> <p>7. I have fun on (1 Halowen<br/>2 Halloween 3 Halloweene).</p> <p>8. I can spell my (1 words<br/>2 wurds 3 wirds).</p> <p>9. I went over a (1 bridge<br/>2 brige 3 brig).</p> <p>10. I saw the (1 squirrel<br/>2 squirrell 3 squirrel).</p> <p>11. She does not (1 crie 2 cry<br/>3 cri).</p> <p>12. He plays on a (1 team 2 teem<br/>3 teme).</p> <p>13. He (1 arrivd 2 arrived<br/>3 arived) at school late.</p> <p>14. The corn (1 greu 2 grou<br/>3 grew) tall.</p> <p>15. My daddy owns some (1 cattel<br/>2 catle 3 cattle).</p> <p>16. A snake has (1 skin 2 scin<br/>3 sken).</p> <p>17. There are many pretty<br/>(1 colers 2 colors 3 colars)</p> <p>18. The bird (1 flou 2 fleu<br/>3 flew) away.</p> <p>19. I saw the Indian (1 cheif<br/>2 cheef 3 chief).</p> | <p>26. The (1 ice creme 2 ice cream<br/>3 ise cream) is cold.</p> <p>27. "(1 Ha 2 Hae 3 Hau)", said the<br/>giant.</p> <p>28. The (1 roap 2 rope 3 rop) is<br/>strong.</p> <p>29. We studied our (1 lessen<br/>2 leson 3 lesson).</p> <p>30. She is (1 al right 2 all right<br/>3 all rite).</p> <p>31. I broke the (1 streng 2 sting<br/>string).</p> <p>32. I am (1 usualy 2 usually 3 usely)<br/>happy.</p> <p>33. I can count to one (1 thousand<br/>2 thousand 3 thousan).</p> <p>34. The hen laid an (1 agg 2 eeg<br/>3 egg).</p> <p>35. They were (1 maried 2 married<br/>3 marryed).</p> <p>36. He wants to (1 becom 2 become<br/>3 becume) a policeman.</p> <p>37. We like to eat (1 oranges<br/>2 ornges 3 oranges).</p> <p>38. We have (1 compeny 2 compy<br/>3 company) at our house.</p> <p>39. He has (1 pleanty 2 planty<br/>3 plenty) of money.</p> <p>40. Have you seen (1 shipes 2 ships<br/>3 sheps) sail?</p> |
|---|---|

- |  |         |   |         |
|--|---------|---|---------|
| 41. Can you (1 slid 2 slide<br>3 slied) down?              | 1 2 3 D | 71. The egg was (1 layed 2 laid<br>3 lade).                   | 1 2 3 D |
| 42. You have a nice (1 porch.<br>2 parch 3 porth).         | 1 2 3 D | 72. (1 May 2 Nay 3 My) I go?                                  | 1 2 3 D |
| 43. Are you (1 suprired<br>2 surprised 3 suprized)?        | 1 2 3 D | 73. We play with (1 cares 2 kards<br>3 cards).                | 1 2 3 D |
| 44. What a pretty (1 str 2 stare<br>3 star).               | 1 2 3 D | 74. We will (1 shop 2 shap 3 shope)<br>for toys.              | 1 2 3 D |
| 45. My father is in (1 bussiness<br>2 business 3 busines). | 1 2 3 D | 75. Where is your (1 momma 2 mama<br>moma)?                   | 1 2 3 D |
| 46. It happened (1 suden<br>2 sudently 3 suddenly).        | 1 2 3 D | 76. Go up the (1 staps 2 steaps<br>3 steps).                  | 1 2 3 D |
| 47. He (1 climbed 2 climed<br>3 climmed) the hill.         | 1 2 3 D | 77. He is very (1 famus 2 famous<br>3 famuse).                | 1 2 3 D |
| 48. He said (1 good-by 2 goodbye<br>3 goodbye).            | 1 2 3 D | 78. My father has two (1 guns 2 gunes<br>3 gons).             | 1 2 3 D |
| 49. The class came to (1 oder<br>2 oarder 3 order).        | 1 2 3 D | 79. It is very (1 quite 2 kwiet<br>3 quiet) here.             | 1 2 3 D |
| 50. Look at that (1 cauboy<br>2 cowboy 3 cowboi).          | 1 2 3 D | 80. (1 Farmers 2 Famers 3 Formers)<br>raise crops.            | 1 2 3 D |
| 51. I like to play with (1 clay<br>2 cla 3 klay).          | 1 2 3 D | 81. Are you going to the (1 meating<br>2 meeting 3 meetting)? | 1 2 3 D |
| 52. He is (1 senting 2 sinding<br>3 sending) me a letter.  | 1 2 3 D | 82. Call the (1 pollice 2 police<br>3 polise).                | 1 2 3 D |
| 53. I walked down the (1 hall<br>2 holl 3 hole).           | 1 2 3 D | 83. The times have (1 changed<br>2 chaned 3 changd).          | 1 2 3 D |
| 54. Mother (1 lovez 2 loves<br>3 luves) father.            | 1 2 3 D | 84. See the (1 kitens 2 kittins<br>3 kittens).                | 1 2 3 D |
| 55. He has strong (1 arms 2 arns<br>3 ams).                | 1 2 3 D | 85. She has been (1 cring 2 krying<br>3 crying).              | 1 2 3 D |

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- |   |         |   |         |
|---|---------|---|---------|
| 56. That's a good (1 idear 2 idy<br>3 idea).              | 1 2 3 D | 86. (1 Reach 2 Rech 3 Reech) for the<br>bread.            | 1 2 3 D |
| 57. It's (1 elven 2 eleven<br>3 elevan) o'clock.          | 1 2 3 D | 87. I (1 fede 2 feed 3 fead) the cow.                     | 1 2 3 D |
| 58. Our (1 mothers 2 moters<br>3 mathers) are here today. | 1 2 3 D | 88. Can you (1 spll 2 spell 3 speel)<br>many words?       | 1 2 3 D |
| 59. He (1 tide 2 tid 3 tied) the<br>rope.                 | 1 2 3 D | 89. (1 Des. 2 Dec. 3 Dec) is a month.                     | 1 2 3 D |
| 60. She has a (1 doller 2 dollar<br>3 dollor).            | 1 2 3 D | 90. Hear him (1 laf 2 lagh 3 laugh).                      | 1 2 3 D |
| 61. That is (1 mothers 2 moter's<br>3 mother's) hat.      | 1 2 3 D | 91. She (1 wore 2 war 3 wor) a hat.                       | 1 2 3 D |
| 62. The teacher (1 helps 2 halps<br>3 heps) me.           | 1 2 3 D | 92. Have you been to the (1 shor<br>2 shoar 3 shore)?     | 1 2 3 D |
| 63. We (1 washed 2 wached<br>3 warshed) clothes.          | 1 2 3 D | 93. He (1 sing 2 saing 3 song) for me.                    | 1 2 3 D |
| 64. He is a good (1 leder<br>2 leader 3 lieder).          | 1 2 3 D | 94. I like to eat (1 rice 2 rise<br>3 risce).             | 1 2 3 D |
| 65. I like (1 pumkin 2 punpkin<br>3 pumpkin) pie.         | 1 2 3 D | 95. Here is the train (1 trak 2 track<br>3 treck).        | 1 2 3 D |
| 66. The play will (1 begin<br>2 begen 3 begin).           | 1 2 3 D | 96. I don't drink (1 coffe 2 cawfee<br>3 coffee).         | 1 2 3 D |
| 67. We own a (1 tent 2 tant<br>3 tente).                  | 1 2 3 D | 97. (1 Cover 2 Covre 3 Cuver) the<br>floor.               | 1 2 3 D |
| 68. Father (1 druve 2 drove<br>3 dove) home.              | 1 2 3 D | 98. He is from a (1 foriegn 2 foreign<br>3 foregn) land.  | 1 2 3 D |
| 69. Can (1 anyone 2 anyone<br>3 annyone) go?              | 1 2 3 D | 99. I have four (1 marbles 2 marbels<br>3 marbls).        | 1 2 3 D |
| 70. He (1 raized 2 rased<br>3 raised) the flag.           | 1 2 3 D | 100. Do you like that (1 subject<br>2 subject 3 subject)? | 1 2 3 D |

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Begin.

Sample A. I have a (1 doge 2 dog 3 dag).	1	2	3	D	20. He (1 means 2 mans 3 meens) well.	1	2	3	D
Sample B. I (1 wil 2 well 3 will) go.	1	2	3	D	21. I like to (1 piant 2 pant 3 paint) pictures.	1	2	3	D
1. He threw (1 roks 2 rokes 3 rocks) at the bird.	1	2	3	D	22. We built a (1 fance 2 fenc 3 fence).	1	2	3	D
2. She was all (1 alon 2 allone 3 alone).	1	2	3	D	23. I don't like to drink (1 tee 2 tea 3 tae).	1	2	3	D
3. Our house has four (1 rooms 2 roons 3 roomes).	1	2	3	D	24. He has (1 thirty 2 therty 3 thurdy) pennies.	1	2	3	D
4. He (1 felte 2 felt 3 falt) bad.	1	2	3	D	25. He wears a (1 kap 2 cap 3 capp).	1	2	3	D

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5. This is the (1 sixthe 2 sixth 3 six) time.	1	2	3	D	26. We are in good (1 health 2 helthe 3 helth).	1	2	3	D
6. I (1 woke 2 wook 3 wok) early.	1	2	3	D	27. See the tall (1 buildings 2 buldings 3 bildings).	1	2	3	D
7. She has been in five (1 stats 2 statts 3 states).	1	2	3	D	28. Wasn't that (1 awfel 2 aful 3 awful)?	1	2	3	D
8. He is in the (1 hospitel 2 hospital 3 hospitol).	1	2	3	D	29. I want to eat at (1 nune 2 noon 3 non).	1	2	3	D
9. I saw a (1 rat 2 ret 3 ratt).	1	2	3	D	30. I will learn to (1 drivee 2 driv 3 drive).	1	2	3	D
10. It has four (1 pardse 2 pards 3 parts).	1	2	3	D	31. It is (1 raining 2 ranning 3 raning).	1	2	3	D
11. Cars have great (1 poure 2 power 3 pour).	1	2	3	D	32. See the (1 beares 2 bears 3 berrs).	1	2	3	D
12. She can (1 danse 2 dance 3 danss).	1	2	3	D	33. This is (1 easy 2 esey 3 esy).	1	2	3	D
13. (1 We'll 2 We'el 3 wel'l) go with you.	1	2	3	D	34. The stars are (1 abov 2 abuve 3 above) us.	1	2	3	D
14. This is my (1 adres 2 adress 3 address).	1	2	3	D	35. She (1 colerd 2 colored 3 colered) the picture.	1	2	3	D
15. The band will (1 march 2 marche 3 mach).	1	2	3	D	36. The teacher has a number of (1 puples 2 pupels 3 pupils).	1	2	3	D
16. Come ride in the (1 sliagh 2 sleigh 3 slay).	1	2	3	D	37. They lived in a (1 village 2 villidge 3 villige).	1	2	3	D
17. Do you know his (1 papa 2 papaa 3 papy)?	1	2	3	D	38. Have you been in a (1 desert 2 dessert 3 desret)?	1	2	3	D
18. (1 Pink- 2 Penk 3 Pink) is a pretty color.	1	2	3	D	39. Can you (1 raze 2 raise 3 rase) flowers?	1	2	3	D
19. Send the (1 bell 2 bill 3 bil) to me.	1	2	3	D	40. My brother is in the (1 arney 2 army 3 aray).	1	2	3	D

- |  |   |   |   |   |   |   |   |   |   |
|--|---|---|---|---|---|---|---|---|---|
| 41. Daddy (1 brings 2 brangs 3 bings) surprises.         | 1 | 2 | 3 | D | 71. (1 Who's 2 Hose 3 Whose) are these?               | 1 | 2 | 3 | D |
| 42. We have ten (1 chiars 2 chairs 3 chars).             | 1 | 2 | 3 | D | 72. The city is (1 growing 2 growng 3 groing).        | 1 | 2 | 3 | D |
| 43. I am (1 hungry 2 hungri 3 hungrie).                  | 1 | 2 | 3 | D | 73. See those (1 hillz 2 hills 3 hiles).              | 1 | 2 | 3 | D |
| 44. See the (1 babbies 2 babies 3 babys).                | 1 | 2 | 3 | D | 74. (1 Hang 2 Hand 3 Haing) the picture.              | 1 | 2 | 3 | D |
| 45. I have been (1 tought 2 taute 3 taught).             | 1 | 2 | 3 | D | 75. That is a pretty (1 sighte 2 cite 3 sight).       | 1 | 2 | 3 | D |
| 46. We eat (1 vegetables 2 vegetables 3 vegtables).      | 1 | 2 | 3 | D | 76. (1 God 2 Gad 3 Godd) is in heaven.                | 1 | 2 | 3 | D |
| 47. I have seen a (1 foxe 2 fox 3 foex).                 | 1 | 2 | 3 | D | 77. That is (1 troo 2 true 3 trow).                   | 1 | 2 | 3 | D |
| 48. I am (1 intrested 2 in-tersted 3 interested) in it.  | 1 | 2 | 3 | D | 78. We (1 wached 2 watched 3 wathed) the fire.        | 1 | 2 | 3 | D |
| 49. She gave a (1 raport 2 report 3 reporte) in class.   | 1 | 2 | 3 | D | 79. This is the wrong (1 size 2 sise 3 siz).          | 1 | 2 | 3 | D |
| 50. Our (1 ears 2 ares 3 ers) help us to hear.           | 1 | 2 | 3 | D | 80. "Yes", he (1 replide 2 replied 3 replied).        | 1 | 2 | 3 | D |
| 51. He planted some (1 seeds 2 sedes 3 sed).             | 1 | 2 | 3 | D | 81. I took a (1 biet 2 bitte 3 bite) of an apple.     | 1 | 2 | 3 | D |
| 52. You are (1 among 2 amoung 3 amung) friends.          | 1 | 2 | 3 | D | 82. There was a (1 theft 2 thift 3 thefft) in school. | 1 | 2 | 3 | D |
| 53. I (1 suposed 2 supposed 3 susposed) you would come.  | 1 | 2 | 3 | D | 83. I (1 droppd 2 dropped 3 droped) my books.         | 1 | 2 | 3 | D |
| 54. It is in the (1 southren 2 southern 3 southen) part. | 1 | 2 | 3 | D | 84. Do you have a (1 suing 2 swinge 3 swing)?         | 1 | 2 | 3 | D |
| 55. There is no (1 excus 2 exuse 3 excuse).              | 1 | 2 | 3 | D | 85. I like to swim at the (1 beech 2 bech 3 beach).   | 1 | 2 | 3 | D |

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- |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|
| 56. This is a (1 wonderfull 2 wonderful 3 wonderfel) book | 1 | 2 | 3 | D | 86. There is a lot of (1 dirt 2 durt 3 drit) here.              | 1 | 2 | 3 | D |
| 57. They have a (1 cabbin 2 caben 3 cabin).               | 1 | 2 | 3 | D | 87. This house is (1 aurs 2 ors 3 ours).                        | 1 | 2 | 3 | D |
| 58. He had a long (1 pole 2 pol 3 poll).                  | 1 | 2 | 3 | D | 88. I live a (1 blak 2 blok 3 block) away.                      | 1 | 2 | 3 | D |
| 59. Let us go to the (1 curcus 2 curcis 3 circus).        | 1 | 2 | 3 | D | 89. There are six (1 rivers 2 revers 3 rivres) near here.       | 1 | 2 | 3 | D |
| 60. This is my (1 grandpa 2 grandpar 3 granpa).           | 1 | 2 | 3 | D | 90. This is the (1 greastest 2 gratest 3 greatest) news of all. | 1 | 2 | 3 | D |
| 61. I hear the dog (1 barrk 2 bark 3 barke).              | 1 | 2 | 3 | D | 91. (1 Bees 2 Bes 3 Beez) make honey.                           | 1 | 2 | 3 | D |
| 62. The (1 quen 2 queen 3 qeen) is pretty.                | 1 | 2 | 3 | D | 92. The (1 soile 2 soil 3 sole) is rich.                        | 1 | 2 | 3 | D |
| 63. I can (1 add 2 ade 3 ad) numbers.                     | 1 | 2 | 3 | D | 93. (1 Brush 2 Bush 3 Bruch) your teeth.                        | 1 | 2 | 3 | D |
| 64. I will (1 trede 2 trade 3 trad) you this.             | 1 | 2 | 3 | D | 94. They are working on our (1 rofe 2 roof 3 rof).              | 1 | 2 | 3 | D |
| 65. We should be (1 thankfull 2 thankfill 3 thankful).    | 1 | 2 | 3 | D | 95. She hurt her (1 Iee 2 I 3 eye).                             | 1 | 2 | 3 | D |
| 66. There are four (1 sidess 2 sides 3 sids).             | 1 | 2 | 3 | D | 96. This is a nice (1 season 2 seson 3 sezon).                  | 1 | 2 | 3 | D |
| 67. The spoon is made of (1 sliver 2 silver 3 siver).     | 1 | 2 | 3 | D | 97. She goes to (1 hi school 2 high school 3 high skool).       | 1 | 2 | 3 | D |
| 68. The paper was (1 burned 2 bruned 3 burnd).            | 1 | 2 | 3 | D | 98. I have been (1 sliding 2 slideing 3 slidding).              | 1 | 2 | 3 | D |
| 69. Tie this in a (1 bo 2 boe 3 bow).                     | 1 | 2 | 3 | D | 99. Look out (1 below 2 belowe 3 blou).                         | 1 | 2 | 3 | D |
| 70. It has been (1 snowing 2 snoing 3 snowin).            | 1 | 2 | 3 | D | 100. We (1 visitted 2 visted 3 visited) my grandparents.        | 1 | 2 | 3 | D |





- |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|
| 41. He can run (1 faser<br>2 faster 3 fastre) than I.         | 1 | 2 | 3 | D | 71. The car has four (1 weels<br>2 wheels 3 whels).             | 1 | 2 | 3 | D |
| 42. He (1 raing 2 rand 3 ring)<br>the bell.                   | 1 | 2 | 3 | D | 72. That is a high (1 speed 2 spead<br>3 spede).                | 1 | 2 | 3 | D |
| 43. Have you been to the<br>(1 maket 2 makret 3 market)?      | 1 | 2 | 3 | D | 73. He was (1 carreying 2 carring<br>3 carrying) his books.     | 1 | 2 | 3 | D |
| 44. Put the things in that<br>(1 trunk 2 tronk 3 trunke).     | 1 | 2 | 3 | D | 74. I didn't mean to (1 skare 2 scar<br>3 scare) you.           | 1 | 2 | 3 | D |
| 45. This is very (1 usefull<br>2 usfull 3 usful).             | 1 | 2 | 3 | D | 75. The cat (1 drinks 2 drinkes<br>3 driks) milk.               | 1 | 2 | 3 | D |
| 46. To (1 whom 2 whome 3 wohme)<br>am I speaking?             | 1 | 2 | 3 | D | 76. The (1 knites 2 nights 3 nites)<br>are becoming longer.     | 1 | 2 | 3 | D |
| 47. The cat caught three (1 mise<br>2 mies 3 mice).           | 1 | 2 | 3 | D | 77. We (1 divided 2 devided<br>3 dividided) the apple.          | 1 | 2 | 3 | D |
| 48. Do you have a (i nikel<br>2 nickel 3 nickle)?             | 1 | 2 | 3 | D | 78. Did you ask a (1 guestion<br>2 question 3 queston)?         | 1 | 2 | 3 | D |
| 49. These shoes were (1 werth<br>2 woth 3 worth) the money.   | 1 | 2 | 3 | D | 79. He threw some (1 stoans 2 stones<br>3 stons) at the bird.   | 1 | 2 | 3 | D |
| 50. He (1 sprade 2 spread<br>3 spred) the butter.             | 1 | 2 | 3 | D | 80. I hear your mother (1 calleing<br>2 colling 3 calling) you. | 1 | 2 | 3 | D |
| 51. Aren't the (1 autumn 2 autum<br>3 autme) trees beautiful? | 1 | 2 | 3 | D | 81. I like the (1 sade 2 shad<br>3 shade) of the tree.          | 1 | 2 | 3 | D |
| 52. This is the (1 boi's 2 boy's<br>3 boise) hat.             | 1 | 2 | 3 | D | 82. There is a (1 shed 2 shad 3 ched)<br>outside his house.     | 1 | 2 | 3 | D |
| 53. The car is in the (1 grage<br>2 garge 3 garage).          | 1 | 2 | 3 | D | 83. He is (1 smoler 2 smaler<br>3 smaller) than I.              | 1 | 2 | 3 | D |
| 54. (1 Farming 2 Farmin<br>3 Farmeng) is hard work.           | 1 | 2 | 3 | D | 84. The (1 surface 2 serface<br>3 surfase) is smooth.           | 1 | 2 | 3 | D |
| 55. These (1 wales 2 wolls<br>3 walls) are tall.              | 1 | 2 | 3 | D | 85. This is a pretty (1 rog 2 rug<br>3 rag).                    | 1 | 2 | 3 | D |

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- |  |   |   |   |   |   |   |   |   |   |
|--|---|---|---|---|---|---|---|---|---|
| 56. She is a (1 beuty 2 beauty<br>3 bueaty).                   | 1 | 2 | 3 | D | 86. I will (1 retern 2 return<br>3 retarn) to school.             | 1 | 2 | 3 | D |
| 57. We are going to the (1 air-<br>port 2 areport 3 airporte). | 1 | 2 | 3 | D | 87. He wants to (1 deal 2 deel<br>3 deall) the cards.             | 1 | 2 | 3 | D |
| 58. Please give me some (1 pen-<br>cles 2 pensils 3 pencils).  | 1 | 2 | 3 | D | 88. It is fun to go boating on<br>(1 lakes 2 laks 3 leks).        | 1 | 2 | 3 | D |
| 59. Our (1 farthar 2 fathers<br>3 farther) will come soon.     | 1 | 2 | 3 | D | 89. My (1 stomache 2 stomach<br>3 stomach) hurts.                 | 1 | 2 | 3 | D |
| 60. Has (1 anybody 2 enybody<br>3 anybodyie) called for me?    | 1 | 2 | 3 | D | 90. My father (1 decerated<br>2 decorated 3 decrated) the tree.   | 1 | 2 | 3 | D |
| 61. He was very (1 excyted<br>2 excited 3 excitied).           | 1 | 2 | 3 | D | 91. Will you (1 shall 2 shell 3 shel)<br>the peas?                | 1 | 2 | 3 | D |
| 62. The clothes have been<br>(1 dried 2 drid 3 dride).         | 1 | 2 | 3 | D | 92. That is a (1 pollar 2 polar<br>3 poller) bear.                | 1 | 2 | 3 | D |
| 63. Bread is made from (1 flor<br>2 flower 3 flour).           | 1 | 2 | 3 | D | 93. My mother lost her (1 neddle<br>2 nedle 3 needle).            | 1 | 2 | 3 | D |
| 64. You must put a (1 stapp<br>2 stap 3 stamp) on a letter.    | 1 | 2 | 3 | D | 94. Do you (1 understand 2 undrestand<br>3 undstand) the problem. | 1 | 2 | 3 | D |
| 65. Rabbits like to eat<br>(1 lettus 2 lettuce 3 letuce)       | 1 | 2 | 3 | D | 95. I go to a nice (1 schoolhouse<br>2 scoolhose 3 skoolhouse).   | 1 | 2 | 3 | D |
| 66. The door was (1 locked<br>2 loked 3 loaked).               | 1 | 2 | 3 | D | 96. The play has five (1 characters<br>2 charcters 3 characters). | 1 | 2 | 3 | D |
| 67. This knife is (1 sharp<br>2 shap 3 sheap).                 | 1 | 2 | 3 | D | 97. We must pay more (1 atention<br>2 attension 3 attention).     | 1 | 2 | 3 | D |
| 68. Do you like (1 carrets<br>2 carrots 3 carrots)?            | 1 | 2 | 3 | D | 98. They are in the (1 eight 2 eighh<br>3 eighth) grade.          | 1 | 2 | 3 | D |
| 69. He was (1 apsent 2 absent<br>3 abcent) from school today.  | 1 | 2 | 3 | D | 99. The water is very (1 muddie<br>2 muddy 3 mudy).               | 1 | 2 | 3 | D |
| 70. We (1 garathered 2 gathered<br>3 gethered) flowers.        | 1 | 2 | 3 | D | 100. I am going to buy some<br>(1 matieral 2 miteral 3 material). | 1 | 2 | 3 | D |

DIRECTIONS TO THE TEACHER: Distribute special IBM pencils and test forms. Say to the pupils: Do not write until I have instructed you to do so. I am going to read the directions aloud while you read them silently.

Directions:

You must follow these directions carefully. Write your name and school at the top of the page. (Pause) Lay your pencil down. This is an exercise to see how well you can spell. Find Sample A on your paper. Notice that you have words numbered 1, 2, and 3. Which one spells "dog" correctly? Number -2- is correct because it says: d-o-g, so the numbered space at the right under -2- has been filled in. There are four blank spaces at the right. If none of the three numbered words is correct, mark under column four, -D-, which means different.

Now let's see if you can mark Sample B on your paper. (Pause) Number -3- is correct because it says: w-i-l-l. Are there any questions? (Stop to answer questions). Mark all of the sentences as you did the sample you have just completed, placing a mark under the number which has the correct spelling. If you mark one that you think is wrong, erase carefully and mark the correct one.

The papers will be collected when most of the students have completed the test.

Begin.

- |   |         |  |         |
|---|---------|--|---------|
| Sample A. I have a (1 doge 2 dog<br>3 dag).                   | 1 2 3 D | 20. I live two (1 bloks 2 blaks<br>3 blocks) away.         | 1 2 3 D |
| Sample B. I (1 wil 2 well<br>3 will) go.                      | 1 2 3 D | 21. (1 None 2 Non 3 Nane) of them<br>came to the party.    | 1 2 3 D |
| 1. I have a new pair of<br>(1 gloves 2 glovs 3 cloves).       | 1 2 3 D | 22. We play (1 outdores 2 outdoors<br>3 outdors).          | 1 2 3 D |
| 2. (1 Sombodye 2 Sombody<br>3 Somebody) gave me a present.    | 1 2 3 D | 23. He (1 falls 2 fols 3 fals) down.                       | 1 2 3 D |
| 3. This is much (1 biger 2 bigre<br>3 bigger) than I thought. | 1 2 3 D | 24. I have studied (1 science<br>2 sceince 3 sience).      | 1 2 3 D |
| 4. The floor is (1 flatt 2 flat<br>3 flate).                  | 1 2 3 D | 25. Order a (1 cace 2 case 3 casce)<br>of canned tomatoes. | 1 2 3 D |

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- |  |         |  |         |
|--|---------|--|---------|
| 5. I wrote six (1 sentances<br>2 sentences 3 sentenses).           | 1 2 3 D | 26. The princess lives in a (1 catle<br>2 castel 3 castle).        | 1 2 3 D |
| 6. That (1 clock 2 klok 3 clook)<br>is wrong.                      | 1 2 3 D | 27. I am a (1 citezen 2 citizen<br>3 citisen) of this country.     | 1 2 3 D |
| 7. They did it (1 themselfs<br>2 themselves 3 themsealves).        | 1 2 3 D | 28. (1 You'll 2 You'l 3 Youll) be<br>late for school.              | 1 2 3 D |
| 8. I am an (1 American<br>2 Ameracan 3 Americian).                 | 1 2 3 D | 29. You must do it (1 yowrslef<br>2 yourself 3 yoursef).           | 1 2 3 D |
| 9. The cows are in the (1 pas-<br>ture 2 paster 3 pasher).         | 1 2 3 D | 30. Call the (1 kity 2 kittie 3 kitty).                            | 1 2 3 D |
| 10. I have (1 reternd<br>2 returned 3 reternd).                    | 1 2 3 D | 31. He (1 plased 2 plced 3 placed)<br>the book on the table.       | 1 2 3 D |
| 11. He made a (1 trap 2 trape<br>3 trapp) for rabbits.             | 1 2 3 D | 32. That is a fine (1 prize 2 priez<br>3 priz).                    | 1 2 3 D |
| 12. We have enjoyed the (1 meal<br>2 mell 3 mel).                  | 1 2 3 D | 33. I (1 sliped 2 slipped 3 slopped)<br>on the stairs.             | 1 2 3 D |
| 13. What a beautiful (1 rosse<br>2 rose 3 roes).                   | 1 2 3 D | 34. We (1 pade 2 paid 3 paide) five<br>dollars for it.             | 1 2 3 D |
| 14. Mail it at the (1 postoffice<br>2 poast office 3 post office). | 1 2 3 D | 35. Sometime I would like to go<br>(1 sking 2 skeing 3 skiing).    | 1 2 3 D |
| 15. The rope is (1 looze 2 loose<br>3 lose).                       | 1 2 3 D | 36. This is the (1 ore 2 oer 3 orre)<br>from which they make iron. | 1 2 3 D |
| 16. She has been (1 helpping<br>2 helping 3 halping) me.           | 1 2 3 D | 37. They keep food in their (1 cellar<br>2 celler 3 scellar).      | 1 2 3 D |
| 17. I use black (1 ink 2 ing<br>3 inke).                           | 1 2 3 D | 38. Where did you get those (1 slipers<br>2 slippers 3 slippres).  | 1 2 3 D |
| 18. They run the old (1 mill<br>2 nill 3 mil).                     | 1 2 3 D | 39. Some things have (1 grems 2 germs<br>3 grmes) on them.         | 1 2 3 D |
| 19. Don't (1 drop 2 dropp<br>3 drope) your books.                  | 1 2 3 D | 40. His mother is baking (1 caks<br>2 cakes 3 caiks).              | 1 2 3 D |

- |  |   |   |   |   |   |   |   |   |   |
|--|---|---|---|---|---|---|---|---|---|
| 41. We need our (1 coats 2 coets 3 coattes) in the winter.   | 1 | 2 | 3 | D | 71. He has (1 gatten 2 gotten 3 goten) some new shoes.                  | 1 | 2 | 3 | D |
| 42. The pencil has a sharp (1 point 2 pont 3 ponit).         | 1 | 2 | 3 | D | 72. The teacher writes on the (1 blak-board 2 blackbored 3 blackboard). | 1 | 2 | 3 | D |
| 43. The pen fell to the (1 dost 2 dust 3 duest).             | 1 | 2 | 3 | D | 73. Who (1 envented 2 invinted 3 invented) the cotton gin?              | 1 | 2 | 3 | D |
| 44. She is going to cook the (1 beans 2 bens 3 baens).       | 1 | 2 | 3 | D | 74. He was (1 ledding 2 leding 3 leading) the parade.                   | 1 | 2 | 3 | D |
| 45. He (1 standes 2 stans 3 stands) on the corner.           | 1 | 2 | 3 | D | 75. The book has two (separate 2 seperate 3 saparte) parts.             | 1 | 2 | 3 | D |
| 46. Each stack had three (1 polles 2 polls 3 poles).         | 1 | 2 | 3 | D | 76. It is a (1 gand 2 grand 3 graned) feeling.                          | 1 | 2 | 3 | D |
| 47. I don't like to be (1 lone-some 2 lomesome 3 lonsome).   | 1 | 2 | 3 | D | 77. What is the (1 poplation 2 popu- lition 3 population) of this city? | 1 | 2 | 3 | D |
| 48. I am going to wear my (1 bots 2 boots 3 boats) tomorrow. | 1 | 2 | 3 | D | 78. The (1 roots 2 rots 3 roates) of the tree go deep.                  | 1 | 2 | 3 | D |
| 49. Please (1 pun 2 pin 3 pan) this for me.                  | 1 | 2 | 3 | D | 79. We were (1 visting 2 visiting 3 viseting) my aunt.                  | 1 | 2 | 3 | D |
| 50. Can you (1 smel 2 small 3 smell) the flowers?            | 1 | 2 | 3 | D | 80. Do you believe in (1 faries 2 faryes 3 fairies)?                    | 1 | 2 | 3 | D |
| 51. He (1 stepped 2 steped 3 stapped) on my toes.            | 1 | 2 | 3 | D | 81. He is very (1 smart 2 smert 3 smorte).                              | 1 | 2 | 3 | D |
| 52. He was elected to (1 con- gress 2 congres 3 congrass).   | 1 | 2 | 3 | D | 82. What is the (1 verb 2 varb 3 verbe) in the sentence?                | 1 | 2 | 3 | D |
| 53. The boy ate the (1 penuts 2 peanuts 3peanats).           | 1 | 2 | 3 | D | 83. He is not (1 aloud 2 allowed 3 alloud) to go swimming.              | 1 | 2 | 3 | D |
| 54. The monkey is (1 hanging 2 handing 3 hainging) there.    | 1 | 2 | 3 | D | 84. This (1 becomes 2 becoms 3 bekomes) more difficult.                 | 1 | 2 | 3 | D |
| 55. They have two (1 pets 2 pats 3 pates).                   | 1 | 2 | 3 | D | 85. One should not think of one's (1 self 2 slef 3 silf).               | 1 | 2 | 3 | D |

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- |   |   |   |   |   |  |   |   |   |   |
|---|---|---|---|---|--|---|---|---|---|
| 56. My brother is (1 forteen 2 fourteen 3 foreteen).      | 1 | 2 | 3 | D | 86. I have been (1 seteing 2 setting 3 seting) plants.           | 1 | 2 | 3 | D |
| 57. He (1 ought 2 oughte 3 out) to be here.               | 1 | 2 | 3 | D | 87. The show (1 lasted 2 lated 3 lested) a long time.            | 1 | 2 | 3 | D |
| 58. The pecan is a (1 nutt 2 nut 3 not).                  | 1 | 2 | 3 | D | 88. The suit costs (1 lase 2 less 3 lest) than I thought.        | 1 | 2 | 3 | D |
| 59. They are a nice (1 cuple 2 couple 3 cupple).          | 1 | 2 | 3 | D | 89. Do you have a (1 tablit 2 tablt 3 tablet)?                   | 1 | 2 | 3 | D |
| 60. He has four (1 pencils 2 pencles 3 pincles).          | 1 | 2 | 3 | D | 90. She is a (1 junior 2 juinor 3 juniour) in high school.       | 1 | 2 | 3 | D |
| 61. We (1 elected 2 ellected 3 elektet) him president.    | 1 | 2 | 3 | D | 91. He smokes (1 tabbaco 2 tobacco 3 tobacko).                   | 1 | 2 | 3 | D |
| 62. That (1 lamp 2 lanp 3 lampe) makes a little light.    | 1 | 2 | 3 | D | 92. Does this pen (1 belong 2 belog 3 blong) to you?             | 1 | 2 | 3 | D |
| 63. Did you see it (1 hapen 2 happen 3 hapan)?            | 1 | 2 | 3 | D | 93. It is an (1 oke 2 oak 3 oake) tree.                          | 1 | 2 | 3 | D |
| 64. She has been (1 junping 2 jumping 3 juming) the rope. | 1 | 2 | 3 | D | 94. I (1 wondered 2 wonderd 3 wandered) when you were coming.    | 1 | 2 | 3 | D |
| 65. Drink through the (1 straw 2 strow 3 strou).          | 1 | 2 | 3 | D | 95. I enjoy going out in the (1 sun- hine 2 sunshine 3 sunshin). | 1 | 2 | 3 | D |
| 66. Where is the (1 man'es 2 mans 3 man's) hat?           | 1 | 2 | 3 | D | 96. I (1 hate 2 heat 3 hat) to see you go.                       | 1 | 2 | 3 | D |
| 67. I have a (1 penny 2 peny 3 penney).                   | 1 | 2 | 3 | D | 97. Wait one (1 momment 2 monent 3 moment).                      | 1 | 2 | 3 | D |
| 68. Watch the dog (1 chace 2 chase 3 chaze) the cat.      | 1 | 2 | 3 | D | 98. We ate sandwiches, cake, (1 etc. 2 ect. 3 etc).              | 1 | 2 | 3 | D |
| 69. (1 Hee's 2 He's 3 Hes) not very old.                  | 1 | 2 | 3 | D | 99. That is a (1 natoinal 2 national 3 natonal) problem.         | 1 | 2 | 3 | D |
| 70. The enemy (1 captured 2 capured 3 capturred) him.     | 1 | 2 | 3 | D | 100. The bird (1 sats 2 sets 3 sits) in his cage.                | 1 | 2 | 3 | D |

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Begin.

- |  |         |  |         |
|--|---------|--|---------|
| Sample A. I have a (1 doge 2 dog<br>3 dag).                  | 1 2 3 D | 20. This chair is out of (1 position<br>2 poseition 3 position).           | 1 2 3 D |
| Sample B. I (1 wil 2 well<br>3 will) go.                     | 1 2 3 D | 21. That is a very (1 plane 2 plain<br>3 plan) dress.                      | 1 2 3 D |
| 1. It was trimmed in (1 lace<br>2 lase 3 laise).             | 1 2 3 D | 22. We will form a (1 circle 2 circul<br>3 sircul).                        | 1 2 3 D |
| 2. We bought the milk from the<br>(1 diary 2 dairy 3 dariy). | 1 2 3 D | 23. He passed the (1 examanation<br>2 examination 3 examintion).           | 1 2 3 D |
| 3. He (1 studies 2 studeys<br>3 studys) his lessons.         | 1 2 3 D | 24. When does the (1 postman<br>2 poastman 3 posteman) come?               | 1 2 3 D |
| 4. I (1 hurreyed 2 hurried<br>3 hurried) to meet him.        | 1 2 3 D | 25. When did the (1 Pillgrims 2 Pil-<br>grams 3 Pilgrims) come to America? | 1 2 3 D |

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- |  |         |  |         |
|--|---------|--|---------|
| 5. He has been (1 travelling<br>2 travling 3 traveling).           | 1 2 3 D | 26. He is her (1 husband 2 husbande<br>3 husband).               | 1 2 3 D |
| 6. I must (1 comb 2 come<br>3 combe) my hair.                      | 1 2 3 D | 27. The box is (1 empty 2 emty<br>3 empety).                     | 1 2 3 D |
| 7. The song has (1 endied<br>2 ended 3 anded).                     | 1 2 3 D | 28. (1 Neather 2 Niether 3 Neither)<br>one of them went.         | 1 2 3 D |
| 8. He (1 sleeps 2 sleeps<br>3 sleps) soundly.                      | 1 2 3 D | 29. I would like to have a big<br>(1 ballon 2 bloon 3 balloon).  | 1 2 3 D |
| 9. My uncle sometimes (1 rids<br>2 rides 3 rieds) a horse.         | 1 2 3 D | 30. Have you ever gone through a<br>(1 tunnel 2 tunel 3 tunell)? | 1 2 3 D |
| 10. Did you see the (1 junkle<br>2 jungle 3 jungel) picture?       | 1 2 3 D | 31. There was (1 froast 2 forst<br>3 frost) on the ground.       | 1 2 3 D |
| 11. We (1 croced 2 crossed<br>3 crosed) the river.                 | 1 2 3 D | 32. We enjoyed the (1 social 2 socal<br>3 sosial).               | 1 2 3 D |
| 12. She has long (1 fingers<br>2 figers 3 fingrs).                 | 1 2 3 D | 33. We were wide (1 awak 2 awake<br>3 awke).                     | 1 2 3 D |
| 13. The (1 buckett 2 bucket<br>3 buket) is full of water.          | 1 2 3 D | 34. (1 October 2 Octber 3 Ocktober)<br>is a cool month.          | 1 2 3 D |
| 14. I enjoy (1 panting<br>2 painteing 3 painting).                 | 1 2 3 D | 35. They play in the (1 gynasum<br>2 gymnasium 3 gimnasium).     | 1 2 3 D |
| 15. We have made our (1 plans<br>2 plannes 3 plens).               | 1 2 3 D | 36. Have you had any (1 dezeases<br>2 deseases 3 diseases)?      | 1 2 3 D |
| 16. Do you know those (1 twens<br>2 tewins 3 twins)?               | 1 2 3 D | 37. The flower is not (1 alive 2 aliv<br>3 alave).               | 1 2 3 D |
| 17. There are several (1 facories<br>2 factorys 3 factories) here. | 1 2 3 D | 38. The (1 hans 2 hens 3 henes) laid<br>the eggs.                | 1 2 3 D |
| 18. It will be an (1 honor<br>2 honer 3 honnor) to go.             | 1 2 3 D | 39. The candy should be much (1 harder<br>2 hader 3 hrder).      | 1 2 3 D |
| 19. The sign says: (1 dager<br>2 danger 3 dainger).                | 1 2 3 D | 40. He (1 cathes 2 caches 3 catches)<br>the ball.                | 1 2 3 D |

- |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|
| 41. My grandfather is (1 eigty<br>2 eaghty 3 eighty) years old. | 1 | 2 | 3 | D | 71. The money (1 dissapeared<br>2 disapeared 3 disappeared).          | 1 | 2 | 3 | D |
| 42. This is a fine (1 community<br>2 comunity 3 comemunity).    | 1 | 2 | 3 | D | 72. He is one of the leading (1 citi-<br>zens 2 citezens 3 citisens). | 1 | 2 | 3 | D |
| 43. It is just a piece of (1 rag<br>2 ragg 3 rage).             | 1 | 2 | 3 | D | 73. We live in the east (1 secton<br>2 secshun 3 section) of town.    | 1 | 2 | 3 | D |
| 44. The story is about (1 cawboys<br>2 cowboys 3 cowbouys).     | 1 | 2 | 3 | D | 74. Who is the (1 governor 2 govenor<br>3 govenier) of the state?     | 1 | 2 | 3 | D |
| 45. The (1 towns 2 touns<br>3 townes) are close together.       | 1 | 2 | 3 | D | 75. I have a sore (1 tow 2 toe<br>3 tooe).                            | 1 | 2 | 3 | D |
| 46. Do you like (1 gun 2 gum<br>3 gam)?                         | 1 | 2 | 3 | D | 76. Who are these (1 persens<br>2 persons 3 percons)?                 | 1 | 2 | 3 | D |
| 47. That is a small (1 ant<br>2 ante 3 aunt).                   | 1 | 2 | 3 | D | 77. My grandfather is over (1 sixtey<br>2 sixty 3 sixty).             | 1 | 2 | 3 | D |
| 48. How much do you (1 weigh<br>2 wiegh 3 way)?                 | 1 | 2 | 3 | D | 78. He is a (1 guard 2 gaurd 3 gard)<br>at the bank.                  | 1 | 2 | 3 | D |
| 49. Find the (1 noun 2 nown<br>3 noune) in the sentence.        | 1 | 2 | 3 | D | 79. It is a sentence (1 itslef<br>2 itsself 3 itself).                | 1 | 2 | 3 | D |
| 50. The teacher writes with<br>(1 chork 2 chak 3 chalk).        | 1 | 2 | 3 | D | 80. Make three (1 wiches 2 wishes<br>3 wshs).                         | 1 | 2 | 3 | D |
| 51. I am (1 passeing 2 passing<br>3 pasing) all subjects.       | 1 | 2 | 3 | D | 81. The ice is (1 solid 2 soled<br>3 sollid).                         | 1 | 2 | 3 | D |
| 52. He is a (1 regular<br>2 reguler 3 regelor) fellow.          | 1 | 2 | 3 | D | 82. Fill the (1 tab 2 tub 3 tob)<br>with water.                       | 1 | 2 | 3 | D |
| 53. The boy sells (1 newspappers<br>2 newspapers 3 newspapers). | 1 | 2 | 3 | D | 83. The tree has its full (1 growth<br>2 groth 3 growth).             | 1 | 2 | 3 | D |
| 54. It is a story about a<br>(1 prince 2 prence 3 prinse).      | 1 | 2 | 3 | D | 84. He lives (1 witin 2 within<br>3 whitin) five miles.               | 1 | 2 | 3 | D |
| 55. The (1 firs 2 fires 3 fairs)<br>were blazing.               | 1 | 2 | 3 | D | 85. The (1 humon 2 humen 3 human)<br>body is amazing.                 | 1 | 2 | 3 | D |

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- |  |   |   |   |   |   |   |   |   |   |
|--|---|---|---|---|---|---|---|---|---|
| 56. Did the ship (1 sink 2 senk<br>3 sinke)?                       | 1 | 2 | 3 | D | 86. They reached an (1 agreement<br>2 aggreement 3 agreement).  | 1 | 2 | 3 | D |
| 57. I am looking (1 foward 2 for-<br>ward 3 foreward) to the game. | 1 | 2 | 3 | D | 87. The gun is (1 loaded 2 loded<br>3 looded).                  | 1 | 2 | 3 | D |
| 58. The (1 waves 2 wayves<br>3 waives) are on the ocean.           | 1 | 2 | 3 | D | 88. She put on her (1 apern 2 aprun<br>3 apron).                | 1 | 2 | 3 | D |
| 59. These are bank (1 deposits<br>2 deposites 3 deposets).         | 1 | 2 | 3 | D | 89. There are many (1 stremes<br>2 streams 3 streams) of water. | 1 | 2 | 3 | D |
| 60. The cow has two (1 cafes<br>2 calves 3 calfs).                 | 1 | 2 | 3 | D | 90. He has good (1 charcter<br>2 character 3 caracter).         | 1 | 2 | 3 | D |
| 61. That is (1 natural 2 natureal<br>3 natrual).                   | 1 | 2 | 3 | D | 91. I (1 thanked 2 thought 3 thankd)<br>him for the gift.       | 1 | 2 | 3 | D |
| 62. This is nice (1 stationery<br>2 statonery 3 stationary).       | 1 | 2 | 3 | D | 92. Did you ever (1 shovle 2 shovel<br>3 shuvel) snow?          | 1 | 2 | 3 | D |
| 63. This is made of (1 coper<br>2 copper 3 copppe).                | 1 | 2 | 3 | D | 93. I am (1 enjoing 2 enjoying<br>3 injoying) the party.        | 1 | 2 | 3 | D |
| 64. See how the story (1 ands<br>2 ends 3 endes).                  | 1 | 2 | 3 | D | 94. He is in more (1 mischief<br>2 mischef 3 mischeif).         | 1 | 2 | 3 | D |
| 65. May I have a (1 banana<br>2 banna 3 bannana)?                  | 1 | 2 | 3 | D | 95. Do you have your (1 tikets<br>2 teckets 3 tickets)?         | 1 | 2 | 3 | D |
| 66. (1 She's 2 Shes 3 Shese) a<br>pretty girl.                     | 1 | 2 | 3 | D | 96. I like (1 jilly 2 jeley 3 jelly).                           | 1 | 2 | 3 | D |
| 67. Some nations have (1 kengs<br>2 kinges 3 kings).               | 1 | 2 | 3 | D | 97. Fill the gas (1 tanke 2 tank<br>3 tenk).                    | 1 | 2 | 3 | D |
| 68. Are you expecting a (1 vistor<br>2 visiter 3 visitor)?         | 1 | 2 | 3 | D | 98. She had a (1 dat 2 datte 3 date)<br>with him.               | 1 | 2 | 3 | D |
| 69. What is the (1 lenth 2 length<br>3 lenght) of that car?        | 1 | 2 | 3 | D | 99. Who is the (1 author 2 auther<br>3 arthor)?                 | 1 | 2 | 3 | D |
| 70. My house is on tenth (1 St<br>2 St. 3 Str.)                    | 1 | 2 | 3 | D | 100. The (1 engineer 2 enginer<br>3 enginere) runs the train.   | 1 | 2 | 3 | D |

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Now let's see if you can mark Sample B on your paper. (Pause) Number -3- is correct because it says: w-i-l-l. Are there any questions? (Stop to answer questions). Mark all of the sentences as you did the sample you have just completed, placing a mark under the number which has the correct spelling. If you mark one that you think is wrong, erase carefully and mark the correct one.

The papers will be collected when most of the students have completed the test.

Begin.

- |  |   |   |   |   |  |  |  |  |
|--|---|---|---|---|--|--|--|--|
| Sample A. I have a (1 doge 2 dog<br>3 dag).  | 1 | 2 | 3 | D |  |  |  |  |
| Sample B. I (1 wil 2 well<br>3 will) go.   | 1 | 2 | 3 | D |  |  |  |  |
| 1. The house is made of<br>(1 lomber 2 lumber 3 lamber).   | 1 | 2 | 3 | D |  |  |  |  |
| 2. It happened on Christmas<br>(1 Ev. 2 Eav 3 Eve).  | 1 | 2 | 3 | D |  |  |  |  |
| 3. It was torn (1 apart<br>2 appart 3 apert).  | 1 | 2 | 3 | D |  |  |  |  |
| 4. The boy is very (1 lasy<br>2 lazy 3 lazie).   | 1 | 2 | 3 | D |  |  |  |  |
| 20. Does he belong to the labor<br>(1 onion 2 union 3 uneon)?                                    | 1 | 2 | 3 | D |  |  |  |  |
| 21. It is a (1 plasure 2 pleasure<br>3 plesure) to be here.                                      | 1 | 2 | 3 | D |  |  |  |  |
| 22. The sheet (1 covers 2 covers<br>3 coovers) the bed.  | 1 | 2 | 3 | D |  |  |  |  |
| 23. The cement will (1 haden<br>2 hrden 3 harden).   | 1 | 2 | 3 | D |  |  |  |  |
| 24. He likes all kinds of (1 sports<br>2 sprots 3 spots).  | 1 | 2 | 3 | D |  |  |  |  |
| 25. I have a bad (1 toth 2 tooth<br>3 tuth).   | 1 | 2 | 3 | D |  |  |  |  |
| <b>BE SURE YOUR MARKS ARE HEAVY AND BLACK<br/>ERASE COMPLETELY ANY ANSWER YOU WISH TO CHANGE</b> |   |   |   |   |  |  |  |  |
| 5. We (1 believed 2 beleived<br>3 belived) his story.  | 1 | 2 | 3 | D |  |  |  |  |
| 6. This is a valuable (1 treas-<br>sure 2 tresure 3 treasure).                                   | 1 | 2 | 3 | D |  |  |  |  |
| 7. See the pretty (1 fethers<br>2 fetheres 3 feathers).  | 1 | 2 | 3 | D |  |  |  |  |
| 8. The flowers are in (1 bloom<br>2 blom 3 blume).   | 1 | 2 | 3 | D |  |  |  |  |
| 9. I am (1 saveing 2 savige<br>3 saving) my money.   | 1 | 2 | 3 | D |  |  |  |  |
| 10. He gave her five (1 kissess<br>2 kises 3 kisses).  | 1 | 2 | 3 | D |  |  |  |  |
| 11. The man is very (1 healthy<br>2 helthy 3 healthey).  | 1 | 2 | 3 | D |  |  |  |  |
| 12. My father can shoot a<br>(1 rifel 2 rifle 3 riffle).   | 1 | 2 | 3 | D |  |  |  |  |
| 13. This package (1 kontains<br>2 contains 3 contanes) gifts.                                    | 1 | 2 | 3 | D |  |  |  |  |
| 14. Are you (1 sleepy 2 slepy<br>3 sleppy)?  | 1 | 2 | 3 | D |  |  |  |  |
| 15. He was (1 puling 2 pulling<br>3 palling) the dog's tail.                                     | 1 | 2 | 3 | D |  |  |  |  |
| 16. That was a bad (1 acidant<br>2 accident 3 axcident).   | 1 | 2 | 3 | D |  |  |  |  |
| 17. My brother (1 joined<br>2 joind 3 joned) the army.   | 1 | 2 | 3 | D |  |  |  |  |
| 18. The street lamps are (1 lited<br>2 litted 3 lighted).  | 1 | 2 | 3 | D |  |  |  |  |
| 19. Is he a (1 scout 2 skout<br>3 scoute)?   | 1 | 2 | 3 | D |  |  |  |  |
| 26. She is the (1 pretiest<br>2 prettiest 3 prettest) girl.                                      | 1 | 2 | 3 | D |  |  |  |  |
| 27. Let's make a (1 jacko-lantern<br>2 jack-o-lantren 3 jack-o-lantern).                         | 1 | 2 | 3 | D |  |  |  |  |
| 28. You have a flat (1 tier 2 tire<br>3 tirre).  | 1 | 2 | 3 | D |  |  |  |  |
| 29. There are two (1 camels 2 camals<br>3 cammels) in the zoo.                                   | 1 | 2 | 3 | D |  |  |  |  |
| 30. The watch is very (1 valueable<br>2 valuble 3 valuable).                                     | 1 | 2 | 3 | D |  |  |  |  |
| 31. That is (1 grandma's 2 grandna's<br>3 granma's) house.                                       | 1 | 2 | 3 | D |  |  |  |  |
| 32. My aunt has three (1 suns 2 sones<br>3 sons).  | 1 | 2 | 3 | D |  |  |  |  |
| 33. I need to (1 shine 2 shin 3 shinn)<br>my shoes.  | 1 | 2 | 3 | D |  |  |  |  |
| 34. The beans are in the (1 pat 2 pott<br>3 pot).  | 1 | 2 | 3 | D |  |  |  |  |
| 35. We will wax the (1 floors 2 flors<br>3 flurs).   | 1 | 2 | 3 | D |  |  |  |  |
| 36. People should drive (1 carfully<br>2 carefully 3 carefuley).                                 | 1 | 2 | 3 | D |  |  |  |  |
| 37. Will you (1 join 2'jone 3 joine)<br>the club?  | 1 | 2 | 3 | D |  |  |  |  |
| 38. The book has five hundred (1 pags<br>2 pages 3 pagis).                                       | 1 | 2 | 3 | D |  |  |  |  |
| 39. The (1 knives 2 nives 3 knifes)<br>are in the kitchen.                                       | 1 | 2 | 3 | D |  |  |  |  |
| 40. I have an (1 exter 2 extra<br>3 extry) pencil.   | 1 | 2 | 3 | D |  |  |  |  |

- |   |   |   |   |   |  |   |   |   |   |
|---|---|---|---|---|--|---|---|---|---|
| 41. The word has many (1 forms<br>2 formes 3 froms).              | 1 | 2 | 3 | D | 71. We will (1 double 2 double<br>3 duble) his offer.                      | 1 | 2 | 3 | D |
| 42. The team has fine (1 spirt<br>2 spirit 3 spiret).             | 1 | 2 | 3 | D | 72. We have good (1 transpartation<br>2 transportation 3 transpertation)   | 1 | 2 | 3 | D |
| 43. He is a (1 member 2 membr<br>3 menber) of our class.          | 1 | 2 | 3 | D | 73. They finally (1 headed 2 heded<br>3 haded) back.                       | 1 | 2 | 3 | D |
| 44. There are some (1 weds<br>2 weeds 3 weads) in the yard.       | 1 | 2 | 3 | D | 74. Call (1 wenever 2 whinever<br>3 whenever) you can.                     | 1 | 2 | 3 | D |
| 45. This car has a good (1 motor<br>2 moter 3 mottor).            | 1 | 2 | 3 | D | 75. Two (1 raileroads 2 railroads<br>3 railrodes) go through here.         | 1 | 2 | 3 | D |
| 46. My sister is (1 ninteen<br>2 nineteen 3 ninetene).            | 1 | 2 | 3 | D | 76. (1 Thus 2 Thous 3 Thuse) the<br>story ended.                           | 1 | 2 | 3 | D |
| 47. He ate the (1 chocalate<br>2 chocolate 3 choclate) bar.       | 1 | 2 | 3 | D | 77. She gave him a (1 kis 2 kiss<br>3 kess).                               | 1 | 2 | 3 | D |
| 48. Don't (1 pop 2 pap 3 popp)<br>his balloon.                    | 1 | 2 | 3 | D | 78. Mother uses (1 larde 2 lard<br>3 lerd) to cook with.                   | 1 | 2 | 3 | D |
| 49. The cake has (1 coco 2 coca<br>3 cocoa) in it.                | 1 | 2 | 3 | D | 79. That is a big (1 barrle 2 barell<br>3 barrell).                        | 1 | 2 | 3 | D |
| 50. We are (1 bying 2 buying<br>3 buyeing) a new car.             | 1 | 2 | 3 | D | 80. There are (1 twenty-five 2 tewenty-<br>five 3 twentyfive) people here. | 1 | 2 | 3 | D |
| 51. The (1 dem 2 dame 3 dam)<br>broke.                            | 1 | 2 | 3 | D | 81. (1 Afterwards 2 Afterwoods<br>3 Afterwerds) we went home.              | 1 | 2 | 3 | D |
| 52. These men are police (1 offi-<br>cers 2 oficers 3 offeccers). | 1 | 2 | 3 | D | 82. That is a little (1 lim 2 limb<br>3 limm) on the tree.                 | 1 | 2 | 3 | D |
| 53. There are two (1 sats 2 sets<br>3 setts) of books.            | 1 | 2 | 3 | D | 83. This house is very (1 comfortable<br>2 comefortable 3 comefertable).   | 1 | 2 | 3 | D |
| 54. Have you read this (1 maga-<br>zine 2 magzine 3 magizene)?    | 1 | 2 | 3 | D | 84. The soldiers (1 mach 2 marh<br>3 march) by us.                         | 1 | 2 | 3 | D |
| 55. (1 Therefore 2 Therefor<br>3 Therefore) I will go.            | 1 | 2 | 3 | D | 85. There is a (1 bench 2 benh<br>3 banch) in the park.                    | 1 | 2 | 3 | D |

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- |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|
| 56. My uncle killed a (1 goose<br>2 gose 3 goos).                 | 1 | 2 | 3 | D | 86. The (1 owl 2 olw 3 oul) flies<br>at night.                    | 1 | 2 | 3 | D |
| 57. He is (1 wek 2 weak 3 week).                                  | 1 | 2 | 3 | D | 87. He (1 laes 2 lays 3 las) his hat<br>on the table.             | 1 | 2 | 3 | D |
| 58. He (1 drak 2 dranke 3 drank)<br>a soda.                       | 1 | 2 | 3 | D | 88. Did you (1 tare 2 tear 3 tair)<br>your shirt?                 | 1 | 2 | 3 | D |
| 59. The boy (1 caries 2 carries<br>3 carrys) papers.              | 1 | 2 | 3 | D | 89. Some trains use coal for (1 fule<br>2 fuell 3 fuel).          | 1 | 2 | 3 | D |
| 60. This is a nice (1 neighbor-<br>hood 2 naborhood 3 neiborhood) | 1 | 2 | 3 | D | 90. We sailed in the (1 bay 2 bae<br>3 ba).                       | 1 | 2 | 3 | D |
| 61. We have freedom of (1 wurship<br>2 worship 3 wership).        | 1 | 2 | 3 | D | 91. He got his (1 breth 2 breath<br>3 brath) knocked out of him.  | 1 | 2 | 3 | D |
| 62. He lives in the (1 eastren<br>2 estern 3 eastern) part.       | 1 | 2 | 3 | D | 92. We take (1 examinations 2 exama-<br>nations 3 examineations). | 1 | 2 | 3 | D |
| 63. My father (1 fished<br>2 fiched 3 fisched) last week.         | 1 | 2 | 3 | D | 93. They are friendly (1 natons<br>2 nations 3 naitons).          | 1 | 2 | 3 | D |
| 64. The farmer has a good<br>(1 krop 2 crop 3 crope).             | 1 | 2 | 3 | D | 94. The (1 whail 2 wale 3 whale) is<br>very large.                | 1 | 2 | 3 | D |
| 65. I (1 sighned 2 signed<br>3 singed) the letter.                | 1 | 2 | 3 | D | 95. It is an old (1 mining 2 minning<br>3 mineing) town.          | 1 | 2 | 3 | D |
| 66. See the (1 lightning<br>2 lighting 3 lightening)?             | 1 | 2 | 3 | D | 96. He was (1 trady 2 tardey 3 tardy)<br>for school.              | 1 | 2 | 3 | D |
| 67. This table is (1 anceint<br>2 acient 3 ancient).              | 1 | 2 | 3 | D | 97. I like a (1 fin 2 fan 3 fann) in<br>the summer.               | 1 | 2 | 3 | D |
| 68. The car is an old (1 model<br>2 modle 3 moddel).              | 1 | 2 | 3 | D | 98. I am going (1 bathing 2 batheing<br>3 bething).               | 1 | 2 | 3 | D |
| 69. His shirt is (1 tron 2 torn<br>3 turn).                       | 1 | 2 | 3 | D | 99. He almost (1 froze 2 frose<br>3 fros).                        | 1 | 2 | 3 | D |
| 70. He is just a small (1 lade<br>2 ladd 3 lad).                  | 1 | 2 | 3 | D | 100. Here are two (1 cons 2 cans<br>3 canes) of peas.             | 1 | 2 | 3 | D |



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Begin.

- |  |         |  |         |
|--|---------|--|---------|
| Sample A. I have a (1 doge 2 dog<br>3 dag).  | 1 2 3 D | 20. I have been (1 wondring 2 wandring<br>3 wondering) where you were. | 1 2 3 D |
| Sample B. I (1 wil 2 well<br>3 will) go.   | 1 2 3 D | 21. Did you buy the (1 groseries<br>2 groceries 3 groceryrs)?          | 1 2 3 D |
| 1. He is my (1 playmat<br>2 playemate 3 playmate).   | 1 2 3 D | 22. The cat has sore (1 pors 2 pows<br>3 paws).                        | 1 2 3 D |
| 2. She said it was (1 hers<br>2 hars 3 hears).   | 1 2 3 D | 23. You should not (1 waste 2 waist<br>3 wast) your money.             | 1 2 3 D |
| 3. Put (1 sheats 2 sheets<br>3 shets) on the bed.  | 1 2 3 D | 24. These are pretty (1 decerations<br>2 decorations 3 decrations).    | 1 2 3 D |
| 4. She was a beautiful (1 prin-<br>ciss 2 princes 3 princess).                                   | 1 2 3 D | 25. We believe in (1 libarty<br>2 liberty 3 librety).                  | 1 2 3 D |
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| 5. We were (1 dining 2 dinning<br>3 dineing) out.  | 1 2 3 D | 26. May we (1 decorate 2 decerate<br>3 decorat) the room?              | 1 2 3 D |
| 6. He lost (1 controle 2 control<br>3 controll) of his car.                                      | 1 2 3 D | 27. Serve us on these (1 plats<br>2 plaits 3 plates).                  | 1 2 3 D |
| 7. The man was sent to (1 prison<br>2 preson 3 prision).   | 1 2 3 D | 28. (1 Sept. 2 Sep. 3 Sept) is an<br>abbreviation.                     | 1 2 3 D |
| 8. He was going (1 toards<br>2 towards 3 tords) his house.                                       | 1 2 3 D | 29. The bag (1 bust 2 burst 3 berst).                                  | 1 2 3 D |
| 9. She peeled the (1 tomattoes<br>2 tomatos 3 tomatoes).   | 1 2 3 D | 30. We gave the rats (1 poison<br>2 posion 3 poisson).                 | 1 2 3 D |
| 10. The wheels were (1 rolling<br>2 roling 3 roleing).   | 1 2 3 D | 31. We ate some (1 lame 2 lamb 3 lam)<br>chops.                        | 1 2 3 D |
| 11. Have you been (1 lessoning<br>2 listening 3 lisening)?                                       | 1 2 3 D | 32. The natives had (1 speres<br>2 spears 3 spares).                   | 1 2 3 D |
| 12. The nations formed a<br>(1 treaty 2 treaty 3 treatie)  | 1 2 3 D | 33. There is (1 noe 2 no 3 know) time.                                 | 1 2 3 D |
| 13. He rode a (1 donkie 2 donky<br>3 donkey).  | 1 2 3 D | 34. The house was very (1 ugly<br>2 uglie 3 uggly).                    | 1 2 3 D |
| 14. It is a large (1 area 2 ara<br>3 erea).  | 1 2 3 D | 35. We should always be (1 onest<br>2 anest 3 honest).                 | 1 2 3 D |
| 15. I have been (1 especting<br>2 expecting 3 ecpecting) you.                                    | 1 2 3 D | 36. The flag has thirteen (1 strips<br>2 stripes 3 stripes).           | 1 2 3 D |
| 16. I have several (1 reasons<br>2 resons 3 rasons).   | 1 2 3 D | 37. The (1 oasis 2 oaces 3 oases) is<br>in the desert.                 | 1 2 3 D |
| 17. The foe began to (1 attact<br>2 attach 3 attack).  | 1 2 3 D | 38. He likes to (1 foole 2 foll<br>3 fool) people.                     | 1 2 3 D |
| 18. The man is (1 raising<br>2 rasing 3 raseing) carrots.  | 1 2 3 D | 39. She is very good in (1 pinmanship<br>2 penmanship 3 panmanship).   | 1 2 3 D |
| 19. Two (1 buttons 2 butons<br>3 botton) are missing.  | 1 2 3 D | 40. What is she (1 wearing 2 waring<br>3 wareing)?                     | 1 2 3 D |

- |     |   |   |   |   |   |     |  |   |   |   |   |
|-----|---|---|---|---|---|-----|--|---|---|---|---|
| 41. | It is hard of (1 hereing<br>2 hearing 3 hering).            | 1 | 2 | 3 | D | 71. | I hope he (1 passes 2 pases<br>3 pastes).                        | 1 | 2 | 3 | D |
| 42. | They cut the (1 tember<br>2 timber 3 tinber).               | 1 | 2 | 3 | D | 72. | (1 Tapp 2 Tape 3 Tap) him on the<br>shoulder.                    | 1 | 2 | 3 | D |
| 43. | Put this in the (1 cabinet<br>2 cabinate 3 cabinete).       | 1 | 2 | 3 | D | 73. | It is on the (1 dreser 2 dresser<br>3 drescer).                  | 1 | 2 | 3 | D |
| 44. | Please bring me a (1 towl<br>2 towel 3 towle).              | 1 | 2 | 3 | D | 74. | What is the (1 meaning 2 mening<br>3 meanning) of this?          | 1 | 2 | 3 | D |
| 45. | They will (1 capure 2 capture<br>3 captsure) the prisoners. | 1 | 2 | 3 | D | 75. | He has several (1 paires 2 pairs<br>3 pears) of socks.           | 1 | 2 | 3 | D |
| 46. | He acts (1 sily 2 silly<br>3 silley).                       | 1 | 2 | 3 | D | 76. | My father pays (1 tacks 2 tackes<br>3 taxes).                    | 1 | 2 | 3 | D |
| 47. | My brother has (1 graduated<br>2 graguated 3 grauated).     | 1 | 2 | 3 | D | 77. | The business was (1 astablished<br>2 established 3 established). | 1 | 2 | 3 | D |
| 48. | The cat will (1 scratch<br>2 scrach 3 scratche) you.        | 1 | 2 | 3 | D | 78. | He (1 paints 2 pants 3 paintes)<br>pictures.                     | 1 | 2 | 3 | D |
| 49. | I have been in two (1 kaves<br>2 caves 3 cavs).             | 1 | 2 | 3 | D | 79. | I (1 agre 2 agree 3 agreea) with<br>you.                         | 1 | 2 | 3 | D |
| 50. | I take (1 nottes 2 nots<br>3 notes) in class.               | 1 | 2 | 3 | D | 80. | That is the wrong (1 method<br>2 methed 3 method).               | 1 | 2 | 3 | D |
| 51. | It was (1 extremely<br>2 extremily 3 extremly) loud.        | 1 | 2 | 3 | D | 81. | They were (1 united 2 unighted<br>3 unitted) in marriage.        | 1 | 2 | 3 | D |
| 52. | Please (1 remane 2 remain<br>3 remaine) here.               | 1 | 2 | 3 | D | 82. | That house is (1 colonal<br>2 colonial 3 colonnial) style.       | 1 | 2 | 3 | D |
| 53. | Who made the (1 discovery<br>2 descovery 3 dicoverly)?      | 1 | 2 | 3 | D | 83. | (1 Shoudn't 2 Shouldn't<br>3 Souldn't) he be here?               | 1 | 2 | 3 | D |
| 54. | It is of little (1 valu<br>2 value 3 vaule).                | 1 | 2 | 3 | D | 84. | They held a (1 council 2 counsel<br>3 council) of war.           | 1 | 2 | 3 | D |
| 55. | I found a four leafed<br>(1 cluver 2 clover 3 cloaver).     | 1 | 2 | 3 | D | 85. | The streets are (1 icy 2 icy<br>3 isy).                          | 1 | 2 | 3 | D |

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- |     |   |   |   |   |   |      |   |   |   |   |   |
|-----|---|---|---|---|---|------|---|---|---|---|---|
| 56. | They (1 seperated 2 separeted<br>3 separated) the two boxers.   | 1 | 2 | 3 | D | 86.  | You must be (1 silant 2 silent<br>3 sillent).                           | 1 | 2 | 3 | D |
| 57. | (1 Whatever 2 Watever 3 Whut-<br>ever) you want to do is fine.  | 1 | 2 | 3 | D | 87.  | You can make jelly with (1 cran-<br>beries 2 cranberries 3 cramberries) | 1 | 2 | 3 | D |
| 58. | He (1 pointed 2 ponted<br>3 painted) at his brother.            | 1 | 2 | 3 | D | 88.  | It seems like (1 magic 2 magick<br>3 maggic).                           | 1 | 2 | 3 | D |
| 59. | This is the (1 happest<br>2 happiest 3 hapiest) moment.         | 1 | 2 | 3 | D | 89.  | He cut the (1 stem 2 stim 3 steme)<br>of the rose.                      | 1 | 2 | 3 | D |
| 60. | He has very good (1 manners<br>2 maners 3 menners).             | 1 | 2 | 3 | D | 90.  | The house was (1 brunt 2 burnd<br>3 burnt) down.                        | 1 | 2 | 3 | D |
| 61. | Cheap watches are (1 scarc<br>2 scerce 3 scarce).               | 1 | 2 | 3 | D | 91.  | Can you work that (1 problom<br>2 problem 3 problem)?                   | 1 | 2 | 3 | D |
| 62. | A butterfly is in the<br>(1 cocon 2 cocoon 3 cacoon).           | 1 | 2 | 3 | D | 92.  | The box is made of (1 cardbord<br>2 cardboard 3 carboard).              | 1 | 2 | 3 | D |
| 63. | Have you eaten (1 Swis<br>2 Swess 3 Swiss) cheese?              | 1 | 2 | 3 | D | 93.  | I hope to (1 gain 2 gane 3 gaine)<br>more speed.                        | 1 | 2 | 3 | D |
| 64. | It is a (1 confederation 2 con-<br>federation 3 cunfederation). | 1 | 2 | 3 | D | 94.  | They are strong (1 leders<br>2 leaders 3 laeders).                      | 1 | 2 | 3 | D |
| 65. | Have you seen the (1 statue<br>2 statu 3 statute)?              | 1 | 2 | 3 | D | 95.  | It was a terrible (1 reck<br>2 wreack 3 wreck).                         | 1 | 2 | 3 | D |
| 66. | He saw the airplane (1 crach<br>2 crash 3 crasch).              | 1 | 2 | 3 | D | 96.  | Put the (1 harness 2 harnes<br>3 harniss) on the horse.                 | 1 | 2 | 3 | D |
| 67. | There is a (1 rewerd 2 re-<br>word 3 reward) for his capture.   | 1 | 2 | 3 | D | 97.  | He fished off the (1 peir 2 pier<br>3 peer).                            | 1 | 2 | 3 | D |
| 68. | The king has his (1 throne<br>2 thorné 3 thron).                | 1 | 2 | 3 | D | 98.  | You shouldn't be (1 ashame<br>2 ashamed 3 ashamd).                      | 1 | 2 | 3 | D |
| 69. | I like (1 baken 2 backen<br>3 bacon) and eggs.                  | 1 | 2 | 3 | D | 99.  | She had two (1 dates 2 dats<br>3 dattes) with him.                      | 1 | 2 | 3 | D |
| 70. | He (1 ascoped 2 escaped<br>3 excaped) from the prison.          | 1 | 2 | 3 | D | 100. | Where are your (1 kees 2 keys<br>3 kes)?                                | 1 | 2 | 3 | D |

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Begin.

- |  |         |   |         |
|--|---------|---|---------|
| Sample A. I have a (1 doge 2 dog<br>3 dag).                  | 1 2 3 D | 20. The cupboard was (1 bare 2 bear<br>3 baire).                              | 1 2 3 D |
| Sample B. I (1 wil 2 well<br>3 will) go.                     | 1 2 3 D | 21. He (1 hids 2 hides 3 heids)<br>from me.                                   | 1 2 3 D |
| 1. See the (1 windmils<br>2 windmills 3 winmills).           | 1 2 3 D | 22. He is a good baseball (1 player<br>2 playre 3 player).                    | 1 2 3 D |
| 2. That is a (1 hollow 2 holow<br>3 hollo) tree.             | 1 2 3 D | 23. He carried several (1 wepons<br>2 waepons 3 weapons).                     | 1 2 3 D |
| 3. The Indians (1 surounded<br>2 surrounded 3 surronded) us. | 1 2 3 D | 24. I am (1 disapointed 2 disappointed<br>3 dissappointed) that you can't go. | 1 2 3 D |
| 4. Do you like the (1 tast<br>2 taeste 3 taste) of it?       | 1 2 3 D | 25. He is doing (1 nicely 2 nicly<br>3 micely) in his work.                   | 1 2 3 D |

**BE SURE YOUR MARKS ARE HEAVY AND BLACK  
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- |  |         |  |         |
|--|---------|--|---------|
| 5. He sent a (1 mesage 2 message<br>3 massage) back.             | 1 2 3 D | 26. She has (1 feaver 2 fever<br>3 fevere).                          | 1 2 3 D |
| 6. He is a good (1 driver<br>2 drivre 3 deriver).                | 1 2 3 D | 27. Let's ride the (1 pones 2 ponnies<br>3 ponies).                  | 1 2 3 D |
| 7. Father owns some (1 propety<br>2 propity 3 property).         | 1 2 3 D | 28. Have you had any (1 sickness<br>2 sicknes 3 seckness)?           | 1 2 3 D |
| 8. He was (1 wounded 2 wonded<br>3 wunded) in the war.           | 1 2 3 D | 29. This table is a (1 century<br>2 centery 3 centurey) old.         | 1 2 3 D |
| 9. Peas are a (1 vegatable<br>2 vegetable 3 vegetable).          | 1 2 3 D | 30. A (1 phrase 2 faze 3 fraze) is<br>part of a sentence.            | 1 2 3 D |
| 10. This paper is too (1 stiff<br>2 stif 3 stife).               | 1 2 3 D | 31. Ride the (1 merrygo-round 2 merry-<br>go-round 3 mery-go-round). | 1 2 3 D |
| 11. Put the (1 mate 2 mat 3 nat)<br>on the floor.                | 1 2 3 D | 32. I have been in that (1 teritory<br>2 terretory 3 territory).     | 1 2 3 D |
| 12. We have strong (1 wins<br>2 wids 3 winds) here.              | 1 2 3 D | 33. We eat (1 oapmeal 2 oatmeal<br>3 oatmele) for breakfast.         | 1 2 3 D |
| 13. I am (1 fixing 2 fixting<br>3 fixding) the fence.            | 1 2 3 D | 34. He feels (1 wors 2 worse 3 werse)<br>today.                      | 1 2 3 D |
| 14. We went (1 costing 2 coasting<br>3 coasteing) down the hill. | 1 2 3 D | 35. He fought the (1 Indians<br>2 Indains 3 Indans).                 | 1 2 3 D |
| 15. His father is a (1 lawer<br>2 lawyer 3 lawyar).              | 1 2 3 D | 36. The captain drew his (1 sword<br>2 sord 3 sworde).               | 1 2 3 D |
| 16. Let me use the (1 scissors<br>2 sissors 3 scisors).          | 1 2 3 D | 37. He has a (1 paine 2 pain 3 pane)<br>in his side.                 | 1 2 3 D |
| 17. Have you been to any<br>(1 danses 2 dances 3 dences)?        | 1 2 3 D | 38. We went (1 feather 2 father<br>3 farther) than I thought.        | 1 2 3 D |
| 18. He (1 skinned 2 scinned<br>3 skined) his arm.                | 1 2 3 D | 39. There was only a (1 single<br>2 singel 3 singal) thread.         | 1 2 3 D |
| 19. He (1 cered 2 ceared 3 cared)<br>for her.                    | 1 2 3 D | 40. The house had burned to (1 ashes<br>2 ashis 3 ashers).           | 1 2 3 D |

- |  |         |   |         |
|--|---------|---|---------|
| 41. The church is (1 holly<br>2 holy 3 holey).               | 1 2 3 D | 71. He got (1 rid 2 red 3 ride) of<br>insects.                | 1 2 3 D |
| 42. He drives a (1 tracter<br>2 tractor 3 tracktor).         | 1 2 3 D | 72. Please tell the (1 troth 2 thruth<br>3 truth).            | 1 2 3 D |
| 43. The boy does his (1 chares<br>2 chors 3 chores).         | 1 2 3 D | 73. He is well (1 educuated<br>2 edjucated 3 educated).       | 1 2 3 D |
| 44. The doctor (1 treated<br>2 treeted 3 treted) the cut.    | 1 2 3 D | 74. Look in the (1 mirrou 2 mirror<br>3 mirrer).              | 1 2 3 D |
| 45. The river (1 curent 2 cur-<br>rent 3 currant) was swift. | 1 2 3 D | 75. I like to eat (1 pears 2 pares<br>3 peares).              | 1 2 3 D |
| 46. They (1 skatted 2 scated<br>3 skated) on the ice.        | 1 2 3 D | 76. Listen to the (1 thounder<br>2 thunder 3 thundere).       | 1 2 3 D |
| 47. He is (1 manager 2 manger<br>3 maneger) of the store.    | 1 2 3 D | 77. The (1 firmen 2 firemen<br>3 firemene) went to the house. | 1 2 3 D |
| 48. Will you (1 seek 2 seek<br>3 seeke) a fortune?           | 1 2 3 D | 78. Can you work this (1 puzzle<br>2 puzzel 3 puzzle)?        | 1 2 3 D |
| 49. He (1 drownd 2 drowned<br>3 drawned) in the water.       | 1 2 3 D | 79. I hurt my (1 ankel 2 ancle<br>3 ankle).                   | 1 2 3 D |
| 50. The man (1 sells 2 sels<br>3 salls) meat.                | 1 2 3 D | 80. We need (1 oxigen 2 oxygen<br>3 oxygin) to live.          | 1 2 3 D |
| 51. She (1 feds 2 feeds 3 fedes)<br>the baby.                | 1 2 3 D | 81. The song has two (1 verses<br>2 verces 3 versces).        | 1 2 3 D |
| 52. I make (1 reparts 2 reportes<br>3 reports) in school.    | 1 2 3 D | 82. The Eskimo lives in an (1 iglo<br>2 igloo 3 iglew).       | 1 2 3 D |
| 53. That is a good (1 example<br>2 exampel 3 exsample).      | 1 2 3 D | 83. (1 Subtract 2 Substract 3 Subtact)<br>two from three.     | 1 2 3 D |
| 54. This is a pretty (1 vew<br>2 view 3 veiv).               | 1 2 3 D | 84. I (1 conted 2 counted 3 countede)<br>fifty people.        | 1 2 3 D |
| 55. He is (1 filling 2 filing<br>3 felling) the tank.        | 1 2 3 D | 85. He made a (1 misstake 2 misteak<br>3 mistake).            | 1 2 3 D |

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- |   |         |  |         |
|---|---------|--|---------|
| 56. Put the book on the (1 shef<br>2 shalf 3 shelf).            | 1 2 3 D | 86. He (1 stumbled 2 stumled<br>3 stumbeled) and fell.                       | 1 2 3 D |
| 57. I (1 bunped 2 bumped<br>3 bumpede) my head.                 | 1 2 3 D | 87. There is some (1 diffrence 2 dif-<br>ference 3 differance) between them. | 1 2 3 D |
| 58. The (1 skouts 2 scoutes<br>3 scouts) are going to camp.     | 1 2 3 D | 88. They (1 manufacture 2 manufacture<br>3 manufacture) toys.                | 1 2 3 D |
| 59. We must practice (1 hygiene<br>2 higene 3 hygene).          | 1 2 3 D | 89. My baby brother has a (1 trycicle<br>2 tricycel 3 tricycle).             | 1 2 3 D |
| 60. Have you studied these<br>(1 mapes 2 mapps 3 maps)?         | 1 2 3 D | 90. He is a (1 civil 2 cival 3 civile)<br>employee.                          | 1 2 3 D |
| 61. He (1 succeded 2 succeeded<br>3 suceeded) in his work.      | 1 2 3 D | 91. All people need some (1 recreation<br>2 receration 3 recreaetion).       | 1 2 3 D |
| 62. This is (1 daddy's 2 daddys<br>3 daddies) car.              | 1 2 3 D | 92. He certainly has (1 currage<br>2 courage 3 curage).                      | 1 2 3 D |
| 63. The soldiers are (1 traned<br>2 trained 3 trainned).        | 1 2 3 D | 93. We are going to (1 grandpar's<br>2 granpa's 3 grandpa's) house.          | 1 2 3 D |
| 64. Don't be (1 cruial 2 cruele<br>3 cruel) to animals.         | 1 2 3 D | 94. It is made of (1 metel 2 metle<br>3 metal).                              | 1 2 3 D |
| 65. He (1 sugested 2 suggested<br>3 sugjested) another course.  | 1 2 3 D | 95. The Indians (1 atacked 2 attacked<br>3 attaked) the fort.                | 1 2 3 D |
| 66. The pictures are (1 developed<br>2 develloped 3 developed). | 1 2 3 D | 96. He (1 hated 2 heated 3 hatted)<br>to admit it.                           | 1 2 3 D |
| 67. Did you hear a (1 screem<br>2 screm 3 scream)?              | 1 2 3 D | 97. He owns two (1 plantitions<br>2 plantations 3 plantattions).             | 1 2 3 D |
| 68. He left a (1 tipe 2 tip<br>3 tipp) for the waiter.          | 1 2 3 D | 98. The coin is (1 bant 2 bent<br>3 bente).                                  | 1 2 3 D |
| 69. She is (1 baking 2 bakeing<br>3 beaking) a cake.            | 1 2 3 D | 99. (1 Dip 2 Dipe 3 Dipp) the clothes<br>in water.                           | 1 2 3 D |
| 70. I don't believe in (1 goasts<br>2 ghosts 3 ghoests).        | 1 2 3 D | 100. There is (1 mosture 2 moistuer<br>3 moisture) in the air.               | 1 2 3 D |

DIRECTIONS TO THE TEACHER: Distribute special test pencils and test forms. Say to the pupils: Do not write until I have instructed you to do so. I am going to read the directions aloud while you read them silently.

Directions:

You must follow these directions carefully. Write your name and school at the top of the page. (Pause) Lay your pencil down. This is an exercise to see how well you can spell. Find Sample A on your paper. Notice that you have words numbered 1, 2, and 3. Which one spells "dog" correctly? Number -2- is correct because it says: d-o-g, so the numbered space at the right under -2- has been filled in. There are four blank spaces at the right. If none of the three numbered words is correct, mark under column four, -D-, which means different.

Now let's see if you can mark Sample B on your paper. (Pause) Number -3- is correct because it says: w-i-l-l. Are there any questions? (Stop to answer questions). Mark all of the sentences as you did the sample you have just completed, placing a mark under the number which has the correct spelling. If you mark one that you think is wrong, erase carefully and mark the correct one.

The papers will be collected when most of the students have completed the test.

Begin.

Sample A. I have a (1 doge 2 dog 3 dag).	1	2	3	D	20. They fired the (1 canon 2 cannun 3 cannon).	1	2	3	D
Sample B. I (1 wil 2 well 3 will) go.	1	2	3	D	21. He has a (1 fortune 2 fourtune 3 furtune).	1	2	3	D
1. The butcher (1 cats 2 cuts 3 cutes) the meat.	1	2	3	D	22. Put on the (1 kettel 2 kittle 3 kettle).	1	2	3	D
2. They (1 occupied 2 ocupied 3 occupied) the apartment.	1	2	3	D	23. There are four (1 sesons 2 saasons 3 seasons).	1	2	3	D
3. (1 Breath 2 Breeth 3 Breathe) the fresh air.	1	2	3	D	24. That's a pretty (1 bracelet 2 braclet 3 bracelete).	1	2	3	D
4. Do you like (1 pickles 2 pickls 3 pickels)?	1	2	3	D	25. She is kind and (1 gentel 2 gentle 3 gentlle).	1	2	3	D

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5. He lives near the (1 border 2 boarder 3 broader) of town.	1	2	3	D	26. He has (1 provied 2 proveded 3 provided) for refreshments.	1	2	3	D
6. The fruit is in (1 jurs 2 jars 3 gares).	1	2	3	D	27. My uncle is very (1 thrifey 2 thrifty 3 thirfty).	1	2	3	D
7. I will (1 telegraf 2 telegraph 3 telagraph) you.	1	2	3	D	28. Write a (1 composition 2 compostion 3 comosetion).	1	2	3	D
8. This is an (1 amendment 2 amindment 3 ammendment).	1	2	3	D	29. He has high (1 hopes 2 hops 3 hoppes).	1	2	3	D
9. Wheat is one of our (1 ex- ports 2 ecsports 3 eksports).	1	2	3	D	30. How many (1 studants 2 students 3 sudents) are in this school?	1	2	3	D
10. She (1 soarts 2 sortes 3 sorts) the laundry.	1	2	3	D	31. (1 Beets 2 Betes 3 Beats) are red.	1	2	3	D
11. The (1 fats 2 fates 3 fets) were rendered.	1	2	3	D	32. Did you see the (1 firewerks 2 firewurks 3 fireworks)?	1	2	3	D
12. This paper is (1 linned 2 lined 3 lind).	1	2	3	D	33. Put the (1 poasters 2 posters 3 possters) on the wall.	1	2	3	D
13. (1 Splite 2 Split 3 Spilt) the apple.	1	2	3	D	34. That is a (1 ceder 2 cedar 3 sedar) tree.	1	2	3	D
14. The birds will eat (1 crumbs 2 crums 3 krums).	1	2	3	D	35. We have (1 holly 2 hollie 3 holy) at Christmas.	1	2	3	D
15. The cows are in the (1 medow 2 meadow 3 madow).	1	2	3	D	36. She has a (1 neklace 2 necklase 3 necklace).	1	2	3	D
16. The (1 wiers 2 wires 3 wirers) are crossed.	1	2	3	D	37. That was a (1 splendid 2 splended 3 splinded) show.	1	2	3	D
17. This is a (1 comical 2 com- mical 3 comicall) situation.	1	2	3	D	38. That's a (1 bulldog 2 booldog 3 bulldog).	1	2	3	D
18. It (1 happins 2 happens 3 hapens) that I believe him.	1	2	3	D	39. Did you see that (1 exhibit 2 exhibit 3 exhibite)?	1	2	3	D
19. The book is (1 prented 2 printted 3 printed).	1	2	3	D	40. He is (1 halfway 2 hafway 3 hafeway) through.	1	2	3	D

- |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|
| 41. The teacher (1 markd 2 markt 3 marked) our papers.        | 1 | 2 | 3 | D | 71. The weather is very (1 danp 2 dampe 3 damp).                    | 1 | 2 | 3 | D |
| 42. Those shoes are well (1 worn 2 worne 3 warn).             | 1 | 2 | 3 | D | 72. We get up (1 fairly 2 farely 3 farly) early.                    | 1 | 2 | 3 | D |
| 43. Listen to this (1 comercial 2 commercial 3 commercail).   | 1 | 2 | 3 | D | 73. (1 Muskuitoes 2 Mosquitoes 3 Mosquitos) were bad last year.     | 1 | 2 | 3 | D |
| 44. He has (1 drivn 2 drivene 3 driven) a car before.         | 1 | 2 | 3 | D | 74. The mountains are (1 rocky 2 roky 3 rokey).                     | 1 | 2 | 3 | D |
| 45. I like (1 organ 2 orgen 3 oregan) music.                  | 1 | 2 | 3 | D | 75. Would you (1 tram 2 trem 3 trim) the hedge?                     | 1 | 2 | 3 | D |
| 46. The pin is (1 stiking 2 sticking 3 stickin) her.          | 1 | 2 | 3 | D | 76. They own two (1 bicicles 2 bicycles 3 bycicles).                | 1 | 2 | 3 | D |
| 47. The (1 camra 2 camera 3 cammera) takes pictures.          | 1 | 2 | 3 | D | 77. I have had the (1 flu 2 flew 3 flue).                           | 1 | 2 | 3 | D |
| 48. (1 Dawn 2 Down 3 Daun) is in the morning.                 | 1 | 2 | 3 | D | 78. He has a team of (1 muels 2 mules 3 mooles).                    | 1 | 2 | 3 | D |
| 49. Did he (1 grabe 2 grab 3 grabb) the apple?                | 1 | 2 | 3 | D | 79. We must have (1 silents 2 silance 3 silence).                   | 1 | 2 | 3 | D |
| 50. The door (1 opnes 2 opens 3 opins) easily.                | 1 | 2 | 3 | D | 80. He was (1 collecting 2 colecting 3 collectting) stamps.         | 1 | 2 | 3 | D |
| 51. My uncle was (1 smoking 2 smokeing 3 smooking).           | 1 | 2 | 3 | D | 81. That is pretty (1 embrodery 2 embroidery 3 embroidary).         | 1 | 2 | 3 | D |
| 52. (1 Aim 2 Ame 3 Aime) the gun at the rabbit.               | 1 | 2 | 3 | D | 82. There is an (1 oxe 2 ox 3 ocks) on the farm.                    | 1 | 2 | 3 | D |
| 53. The flowers are (1 dyeing 2 dying 3 daying).              | 1 | 2 | 3 | D | 83. He is building his (1 strength 2 strenght 3 strengh).           | 1 | 2 | 3 | D |
| 54. The bill was (1 legeslative 2 legislative 3 legisletive). | 1 | 2 | 3 | D | 84. He has the (1 whoping caught 2 whooping cough 3 whooping couf). | 1 | 2 | 3 | D |
| 55. The leopard is (1 spotted 2 spotted 3 spattd).            | 1 | 2 | 3 | D | 85. Join the (1 conversation 2 conversetion 3 convesation).         | 1 | 2 | 3 | D |

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- |   |   |   |   |   |  |   |   |   |   |
|---|---|---|---|---|--|---|---|---|---|
| 56. The baby can (1 crall 2 crawl 3 crol).                      | 1 | 2 | 3 | D | 86. He should saw off those (1 lims 2 limbs 3 limes).            | 1 | 2 | 3 | D |
| 57. His salary was (1 increased 2 incresed 3 encreased).        | 1 | 2 | 3 | D | 87. His story was (1 published 2 publised 3 publishd).           | 1 | 2 | 3 | D |
| 58. He wears pretty (1 sherts 2 shirts 3 shirtes).              | 1 | 2 | 3 | D | 88. He waved a (1 baner 2 bannar 3 banner).                      | 1 | 2 | 3 | D |
| 59. They (1 stufed 2 stuffed 3 stiffed) the turkey.             | 1 | 2 | 3 | D | 89. The car was parked in the (1 driv-way 2 driveway 3 drivewa). | 1 | 2 | 3 | D |
| 60. You can show (1 appreciation 2 apreciation 3 appriciation). | 1 | 2 | 3 | D | 90. The man (1 movs 2 moves 3 muvs) furniture.                   | 1 | 2 | 3 | D |
| 61. They are nice (1 felows 2 fellous 3 fellows).               | 1 | 2 | 3 | D | 91. Father built some (1 shelves 2 shalves 3 shelvs).            | 1 | 2 | 3 | D |
| 62. She is very (1 particular 2 piticular 3 piticuliar).        | 1 | 2 | 3 | D | 92. He (1 wavd 2 waved 3 weved) at me.                           | 1 | 2 | 3 | D |
| 63. Did you see the (1 cites 2 sights 3 sightes) there?         | 1 | 2 | 3 | D | 93. My father went to two (1 collages 2 collejes 3 colleges).    | 1 | 2 | 3 | D |
| 64. We went (1 wadding 2 wading 3 wadeing) in the water.        | 1 | 2 | 3 | D | 94. The (1 milkman 2 milkeman 3 melkman) comes early.            | 1 | 2 | 3 | D |
| 65. The (1 bever 2 beaver 3 bevere) built a dam.                | 1 | 2 | 3 | D | 95. There is (1 sapp 2 sap 3 sape) in the tree.                  | 1 | 2 | 3 | D |
| 66. He always (1 entres 2 anters 3 enters) the back door.       | 1 | 2 | 3 | D | 96. These socks are (1 wolen 2 wollen 3 woolen).                 | 1 | 2 | 3 | D |
| 67. She is (1 jelous 2 jealous 3 jealouse) of him.              | 1 | 2 | 3 | D | 97. I eat (1 crakers 2 crackers 3 crackres) with soup.           | 1 | 2 | 3 | D |
| 68. The (1 pavment 2 pavement 3 pavmeant) is smooth.            | 1 | 2 | 3 | D | 98. The wind was (1 howling 2 howeling 3 houling).               | 1 | 2 | 3 | D |
| 69. What are your (1 thoughts 2 thots 3 thaughts)?              | 1 | 2 | 3 | D | 99. He ate another (1 plam 2 plum 3 plume).                      | 1 | 2 | 3 | D |
| 70. He fell (1 backwards 2 backwards 3 backwoods).              | 1 | 2 | 3 | D | 100. The cat was (1 teted 2 teasd 3 teased).                     | 1 | 2 | 3 | D |

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Begin.

- |  |         |  |         |
|--|---------|--|---------|
| Sample A. I have a (1 doge 2 dog<br>3 dag).  | 1 2 3 D | 20. Please pass the (1 celary<br>2 selery 3 celery).                 | 1 2 3 D |
| Sample B. I (1 wil 2 well<br>3 will) go.   | 1 2 3 D | 21. It is a (1 frieght 2 frate<br>3 freight) train.                  | 1 2 3 D |
| 1. He often (1 drops 2 dropes<br>3 draps) his pencil.  | 1 2 3 D | 22. He sits on the (1 opposite<br>2 oppisite 3 oposite) side.        | 1 2 3 D |
| 2. It is a (1 parm 2 palmn<br>3 palm) tree.  | 1 2 3 D | 23. He (1 thows 2 throws 3 throus)<br>the ball.                      | 1 2 3 D |
| 3. Order two (1 caces 2 casses<br>3 cases) of soda pop.  | 1 2 3 D | 24. I (1 carvd 2 corved 3 carved)<br>the turkey.                     | 1 2 3 D |
| 4. He is a well known (1 peot<br>2 poet 3 pote).   | 1 2 3 D | 25. Use the (1 index 2 endex<br>3 indexe).                           | 1 2 3 D |
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| 5. The (1 bulb 2 balb 3 bolb)<br>burned out.   | 1 2 3 D | 26. Hear the duck (1 quak 2 quack<br>3 quacke).                      | 1 2 3 D |
| 6. My father (1 kised 2 kissed<br>3 kisst) my mother.  | 1 2 3 D | 27. The (1 trafic 2 traffec 3 traffic)<br>is heavy.                  | 1 2 3 D |
| 7. What are the (1 resalts<br>2 results 3 resoltst)?   | 1 2 3 D | 28. This meal is (1 delicious<br>2 delicous 3 deliucous).            | 1 2 3 D |
| 8. It was a small (1 arctical<br>2 artical 3 article).   | 1 2 3 D | 29. Have you done the (1 ironing<br>2 irning 3 irening)?             | 1 2 3 D |
| 9. We have a (1 fir 2 fire<br>3 fur) tree in our yard.   | 1 2 3 D | 30. The house is (1 vacent 2 vacant<br>3 vacente).                   | 1 2 3 D |
| 10. The grape is (1 saur 2 sour<br>3 soure).   | 1 2 3 D | 31. He (1 beged 2 begged 3 bagged)<br>for money.                     | 1 2 3 D |
| 11. This is an ostrich (1 fether<br>2 faether 3 feather).  | 1 2 3 D | 32. The streets were (1 floded<br>2 fluded 3 flooded).               | 1 2 3 D |
| 12. It is made of (1 linen<br>2 linnen 3 linin).   | 1 2 3 D | 33. The land (1 produces 2 produses<br>3 porduces) crops.            | 1 2 3 D |
| 13. That is an (1 advanage<br>2 advantage 3 advantege).  | 1 2 3 D | 34. The tale is (1 compleated<br>2 completed 3 completed).           | 1 2 3 D |
| 14. I like to (1 dive 2 div<br>3 dev) in the water.  | 1 2 3 D | 35. He was (1 ingered 2 injured<br>3 injered) in the wreck.          | 1 2 3 D |
| 15. He is the (1 pople's<br>2 people's 3 peopel's) choice.                                       | 1 2 3 D | 36. It is (1 nicer 2 micer 3 niser)<br>here than I thought.          | 1 2 3 D |
| 16. We had two pencils (1 apiece<br>2 apece 3 appiece).  | 1 2 3 D | 37. He ate the (1 strawberries<br>2 strawberries 3 strawbarries).    | 1 2 3 D |
| 17. What does the box (1 contane<br>2 contain 3 contian)?  | 1 2 3 D | 38. Mother (1 bys 2 buys 3 byes)<br>pretty clothes.                  | 1 2 3 D |
| 18. These are small fish (1 hoks<br>2 hoaks 3 hooks).  | 1 2 3 D | 39. It looked just like a (1 fairy-<br>land 2 faryland 3 fariyland). | 1 2 3 D |
| 19. We will eat the (1 pudding<br>2 puding 3 puddin).  | 1 2 3 D | 40. Angels are in (1 heven 2 heaven<br>3 heaven).                    | 1 2 3 D |

- |  |   |   |   |   |   |   |   |   |   |
|--|---|---|---|---|---|---|---|---|---|
| 41. The ship came into (1 port<br>2 prot 3 porte).                 | 1 | 2 | 3 | D | 71. They had to (1 foard 2 forde<br>3 ford) the river.            | 1 | 2 | 3 | D |
| 42. (1 Bakteria 2 Bactera 3 Bac-<br>teria) are very tiny plants.   | 1 | 2 | 3 | D | 72. The wind is from the (1 nothwest<br>2 northwest 3 northwist). | 1 | 2 | 3 | D |
| 43. He has a (1 complete 2 com-<br>pleat 3 complet) set of books.  | 1 | 2 | 3 | D | 73. The king (1 rueleed 2 ruled<br>3 rooled) the land.            | 1 | 2 | 3 | D |
| 44. Does the river (1 flou<br>2 flow 3 flo) fast?                  | 1 | 2 | 3 | D | 74. My uncle caught three (1 trout<br>2 trot 3 troat).            | 1 | 2 | 3 | D |
| 45. Many (1 poples 2 popels<br>3 peoples) are in the world.        | 1 | 2 | 3 | D | 75. There were two (1 canps 2 kamps<br>3 camps).                  | 1 | 2 | 3 | D |
| 46. It was a (1 thrilling 2 thril-<br>ing 3 threlling) experience. | 1 | 2 | 3 | D | 76. He was very (1 folish 2 foolish<br>3 follish).                | 1 | 2 | 3 | D |
| 47. That is a tall (1 Christmas<br>2 Christmis 3 Cristmus) tree.   | 1 | 2 | 3 | D | 77. He (1 ones 2 ouns 3 owns) two<br>cars.                        | 1 | 2 | 3 | D |
| 48. May I (1 exchang 2 exchange<br>3 exchang) this tie?            | 1 | 2 | 3 | D | 78. Does this car have a (1 spare<br>2 spair 3 spear) tire?       | 1 | 2 | 3 | D |
| 49. We are going (1 hicking<br>2 hiking 3 hikeing).                | 1 | 2 | 3 | D | 79. I (1 craked 2 cracked 3 crackt)<br>the ice.                   | 1 | 2 | 3 | D |
| 50. Have you ever heard an<br>(1 opra 2 opora 3 opera)?            | 1 | 2 | 3 | D | 80. The airplane took a (1 flight<br>2 flite 3 flit).             | 1 | 2 | 3 | D |
| 51. Take a (1 taespoon 2 teaspoon<br>3 teaspoon) of medicine.      | 1 | 2 | 3 | D | 81. What's in the (1 pantree 2 pantry<br>3 pantrey)?              | 1 | 2 | 3 | D |
| 52. Would you step (1 aside<br>2 asside 3 acide)?                  | 1 | 2 | 3 | D | 82. The roof needs (1 support<br>2 suport 3 susport).             | 1 | 2 | 3 | D |
| 53. These are of (1 equal<br>2 equal 3 equall) value.              | 1 | 2 | 3 | D | 83. (1 You've 2 Yow've 3 Youve) got<br>to improve.                | 1 | 2 | 3 | D |
| 54. She is the (1 misstress<br>2 misstres 3 mistress) here.        | 1 | 2 | 3 | D | 84. The baby is in the (1 cradle<br>2 craddle 3 cradel).          | 1 | 2 | 3 | D |
| 55. He is a bright (1 sudent<br>2 student 3 student).              | 1 | 2 | 3 | D | 85. The robber wore a (1 mast 2 mask<br>3 masked).                | 1 | 2 | 3 | D |

**BE SURE YOUR MARKS ARE HEAVY AND BLACK  
ERASE COMPLETELY ANY ANSWER YOU WISH TO CHANGE**

- |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|
| 56. Our team (1 defeated 2 de-<br>feeted 3 defeatted) them.     | 1 | 2 | 3 | D | 86. Have you ever eaten (1 quale<br>2 quail 3 quial)?                   | 1 | 2 | 3 | D |
| 57. That is hard (1 laber<br>2 labor 3 labar).                  | 1 | 2 | 3 | D | 87. His finger is (1 bleding<br>2 bleeding 3 bleeding).                 | 1 | 2 | 3 | D |
| 58. Did you see that (1 skunk<br>2 scunk 3 skunke)?             | 1 | 2 | 3 | D | 88. He is much (1 happier 2 hapier<br>3 happyer) now.                   | 1 | 2 | 3 | D |
| 59. He is over (1 twenty-one<br>2 tewenty-one 3 twentyone).     | 1 | 2 | 3 | D | 89. I will give you (1 ome half<br>2 one half 3 one haf) of my pop.     | 1 | 2 | 3 | D |
| 60. Sit (1 beneath 2 beneth<br>3 beneathe) the tree.            | 1 | 2 | 3 | D | 90. He is quite a (1 showman<br>2 shouman 3 shoman).                    | 1 | 2 | 3 | D |
| 61. The house was (1 fernished<br>2 furnished 3 furneshed).     | 1 | 2 | 3 | D | 91. He (1 wipped 2 whepped 3 whipped<br>the horse).                     | 1 | 2 | 3 | D |
| 62. We dug a (1 pite 2 piet<br>3 pit).                          | 1 | 2 | 3 | D | 92. Do you have a (1 fountain pen<br>2 fontain pen 3 fountian pen)?     | 1 | 2 | 3 | D |
| 63. He speaks (1 saftly 2 softly<br>3 softely).                 | 1 | 2 | 3 | D | 93. That is the (1 orignal 2 origi-<br>nal 3 orginal) story.            | 1 | 2 | 3 | D |
| 64. Will you give me some (1 ad-<br>vice 2 advise 3 advece)?    | 1 | 2 | 3 | D | 94. The man lives in a little (1 shak<br>2 shake 3 chack).              | 1 | 2 | 3 | D |
| 65. The room has a high (1 ciel-<br>ing 2 ceiling 3 cielling).  | 1 | 2 | 3 | D | 95. He is a good (1 worker 2 warker<br>3 wurker).                       | 1 | 2 | 3 | D |
| 66. That was (1 entirly 2 entirely<br>3 intirely) wrong.        | 1 | 2 | 3 | D | 96. She is the (1 cuttest 2 ceutest<br>3 cutest) baby I have ever seen. | 1 | 2 | 3 | D |
| 67. The mints are (1 lime 2 line<br>3 lim) flavored.            | 1 | 2 | 3 | D | 97. He killed the (1 inseck 2 insect<br>3 insict).                      | 1 | 2 | 3 | D |
| 68. She was (1 prepairing 2 pre-<br>parring 3 preparing) lunch. | 1 | 2 | 3 | D | 98. The horses were (1 racing<br>2 raceing 3 rasing).                   | 1 | 2 | 3 | D |
| 69. We (1 tipped 2 typed<br>3 tepped) the waiter.               | 1 | 2 | 3 | D | 99. Look through the (1 telascope<br>2 tellascope 3 telescope).         | 1 | 2 | 3 | D |
| 70. The flower is just a (1 bod<br>2 bud 3 but).                | 1 | 2 | 3 | D | 100. There are three (1 docters 2 doc-<br>tors 3 dokters) in town.      | 1 | 2 | 3 | D |