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Crystal Shape Bingo: A Bingo Game for Teaching Recognition of Three-dimensional Crystal Shapes and Planar Geometric Shapes of Crystal Faces

Audrey C. Rule

University of Northern Iowa

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ABSTRACT

This document describes a game that provides students with practice in recognizing three dimensional crystal shapes and planar geometric shapes of crystal faces. It contains information on the objective of the game, game preparation, and rules for playing. Play cards are included (four to a page). (ASK)

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Crystal Shape Bingo

by
Audrey C. Rule

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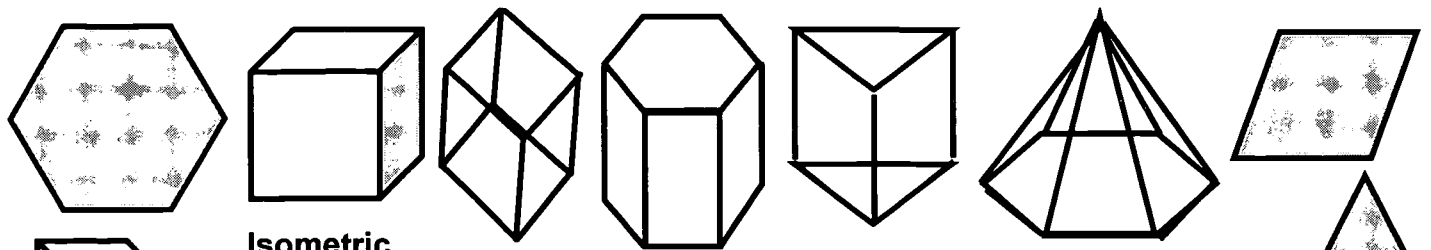
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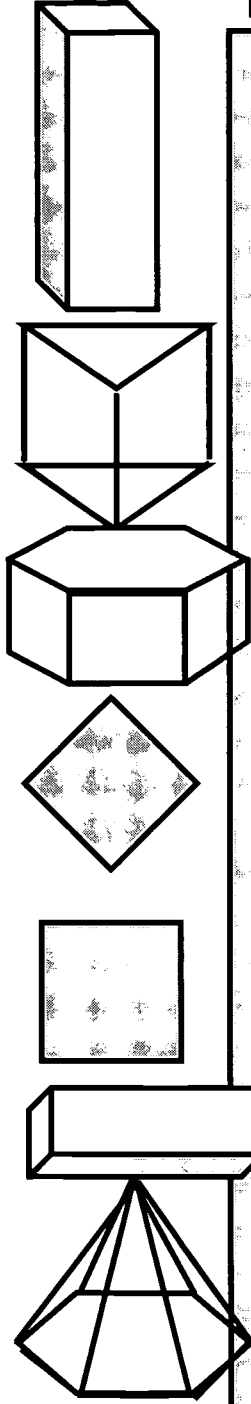
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2



Isometric



Crystal Shape Bingo

By Audrey C. Rule

Directions

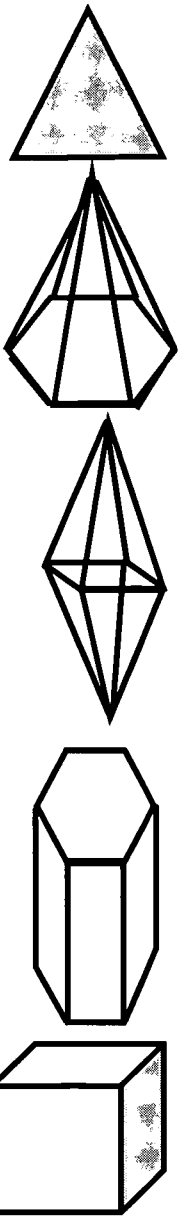
Objective: This game provides students with practice in recognizing three dimensional crystal shapes and planar geometric shapes of crystal faces.

Preparation of the Game:

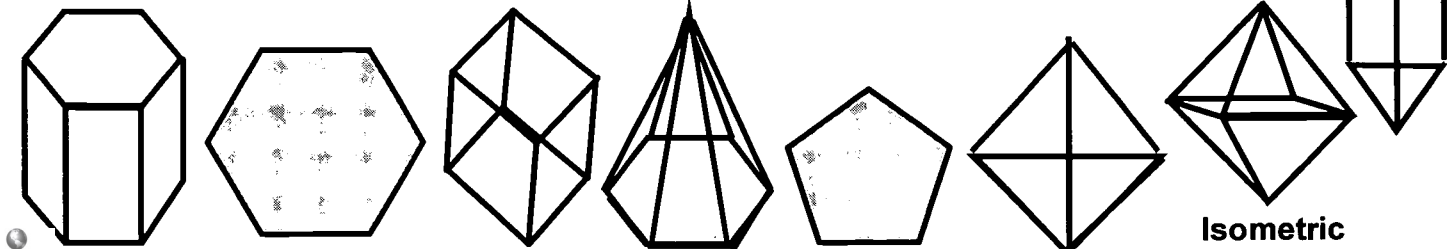
Photocopy each page of this game onto light colored heavy card stock paper. Laminate each page if possible. Cut apart the four game cards on each page and the eight calling cards on the other pages. Assemble a set of buttons, pennies, or Bingo chips to use as markers during play.

How to Play:

- Each player is given a Bingo Card and several markers.
- The calling cards are shuffled and placed face down in a stack.
- The caller chooses the first calling card from the stack and calls out the crystal shape name. Players search their cards to see if they have that shape. If the shape is present on a Bingo card, the player covers it with a marker.
- The caller calls the next crystal shape.
- Play continues until a player finds that three spaces in a row (vertically, horizontally, or diagonally) are covered on the player's card. The player calls, "Bingo!". The player must correctly identify all three shapes on the player's card that form the row. The caller checks the crystal shapes to make sure they were called and correctly identified.
- The winning player becomes the caller for the next round of Crystal Shape Bingo.



Isometric



Isometric

Crystal Shape Bingo

Tetragonal Dipyramid

Crystal Shape Bingo

Tetragonal Prism

Crystal Shape Bingo

Tetragonal Pyramid

Crystal Shape Bingo

Equilateral Triangle

Crystal Shape Bingo

Trigonal Prism

Crystal Shape Bingo

Tetrahedron

Isometric

Crystal Shape Bingo

Square

Crystal Shape Bingo

Cube

Isometric

Crystal Shape Calling Cards: Cut apart and shuffle these cards. Take the top card from the deck and call out the crystal shape name. Players check their cards for the shape and mark it if they have it.

Crystal Shape Bingo **Hexagonal Prism**

Crystal Shape Bingo **Hexagonal Pyramid**

Crystal Shape Bingo **Hexagonal Dipyramid**

Crystal Shape Bingo **Hexagon**

Crystal Shape Bingo **Octahedron**

Isometric

Crystal Shape Bingo **Rhombohedron**

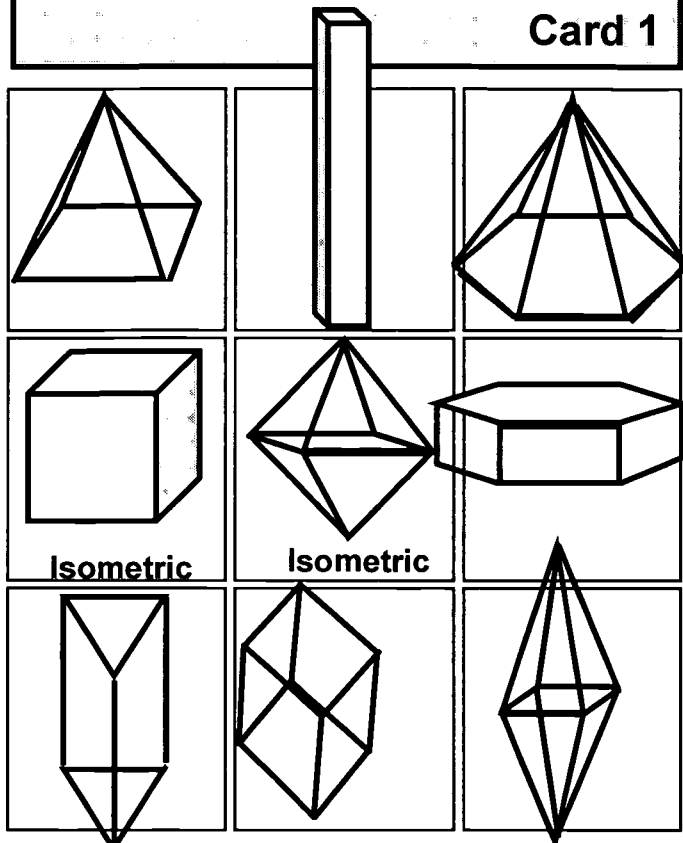
Crystal Shape Bingo **Pentagon**

Crystal Shape Bingo **Rhombus**

Crystal Shape Calling Cards: Cut apart and shuffle these cards. Take the top card from the deck and call out a crystal shape name. Players check their cards for the shape and mark it if they have it.

Crystal Shape Bingo

Card 1

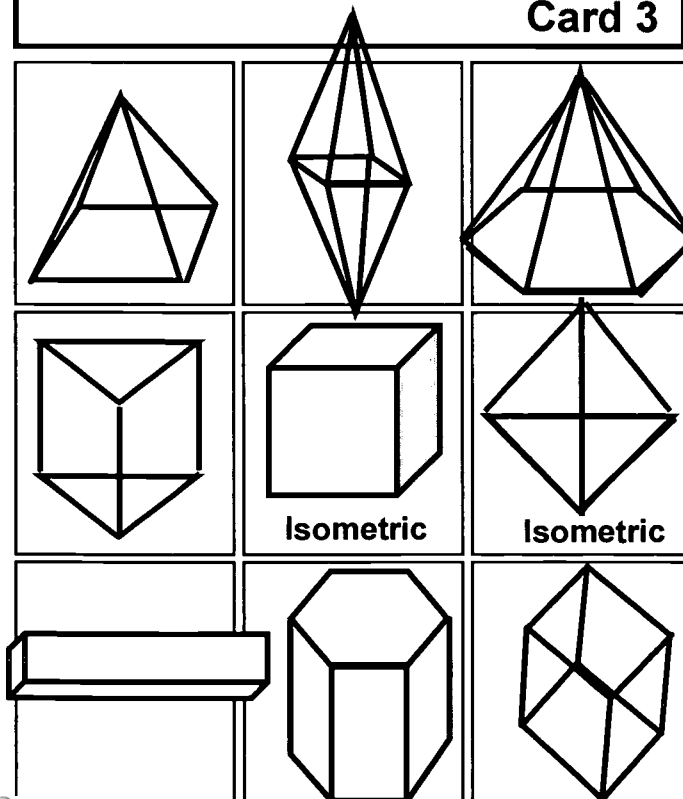


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Isometric

Crystal Shape Bingo

Card 3

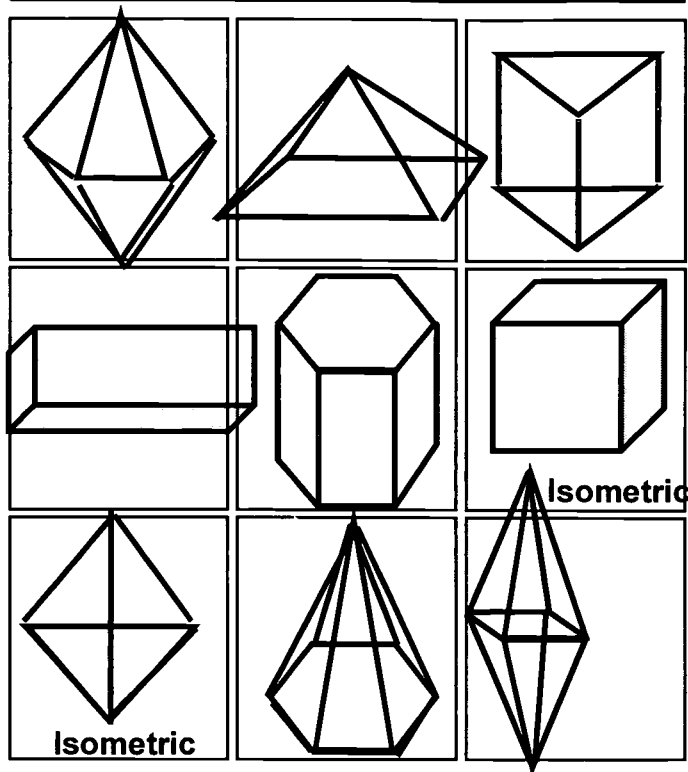


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Crystal Shape Bingo

Card 2

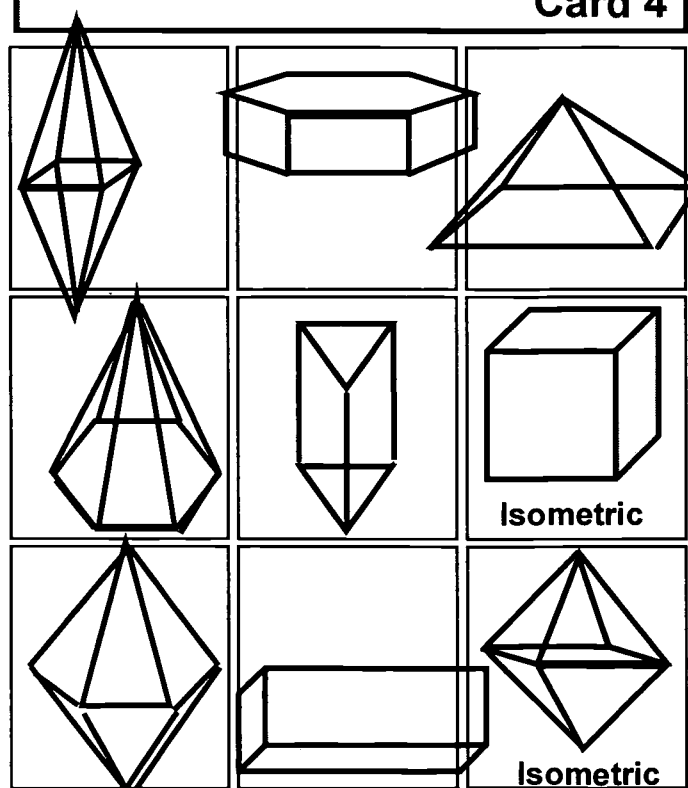


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Card 4

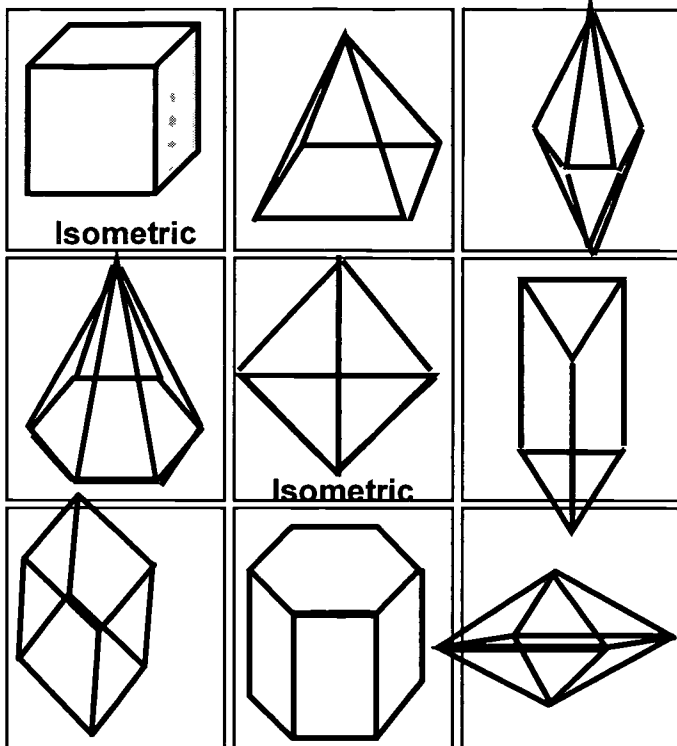


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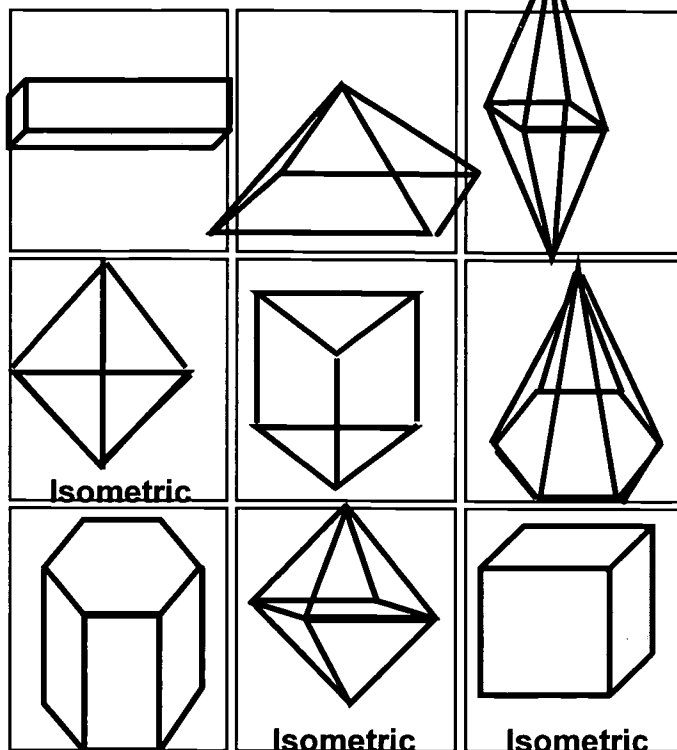
Crystal Shape Bingo

Card 5



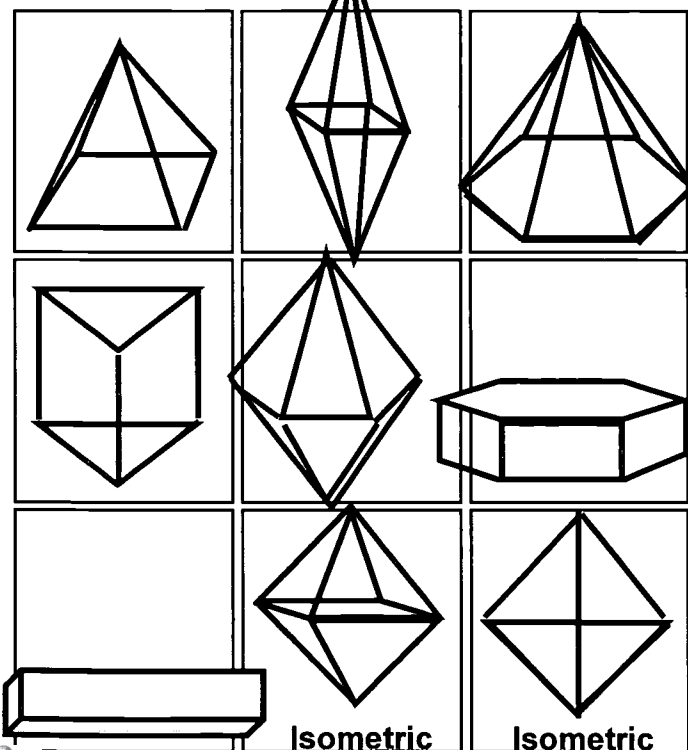
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Card 6



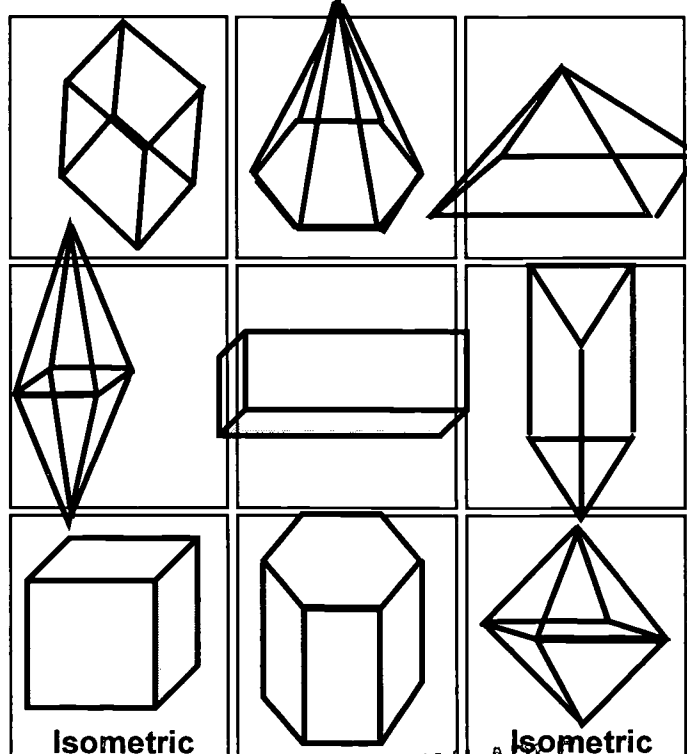
Crystal Shape Bingo

Card 7



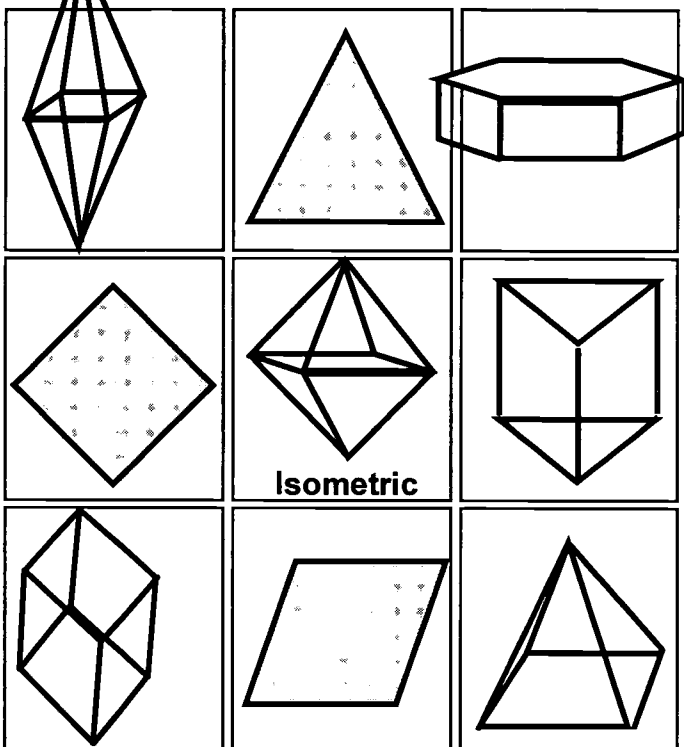
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Card 8



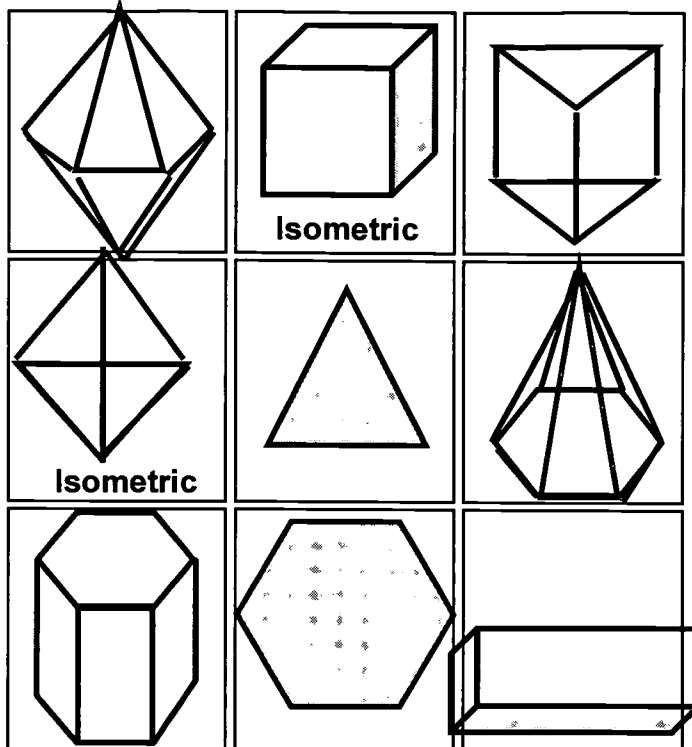
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Card 9



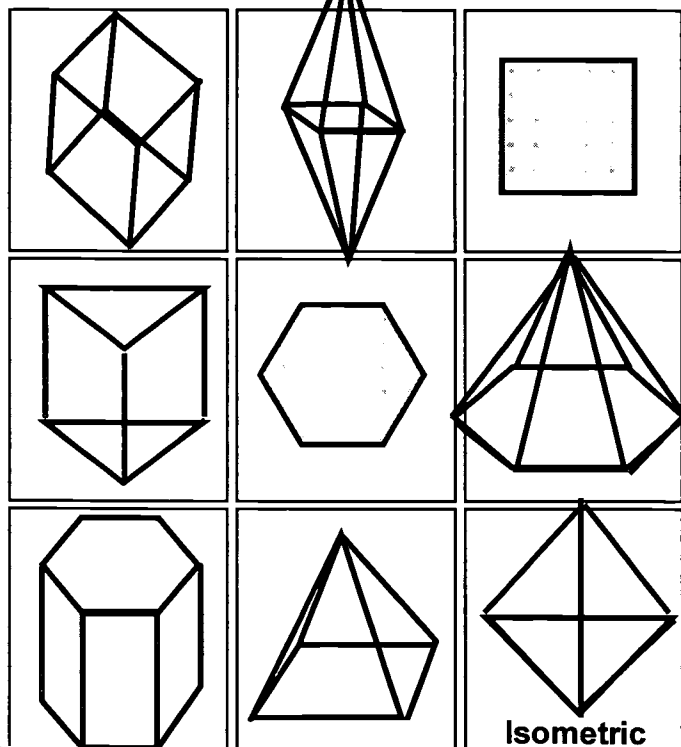
Crystal Shape Bingo

Card 10



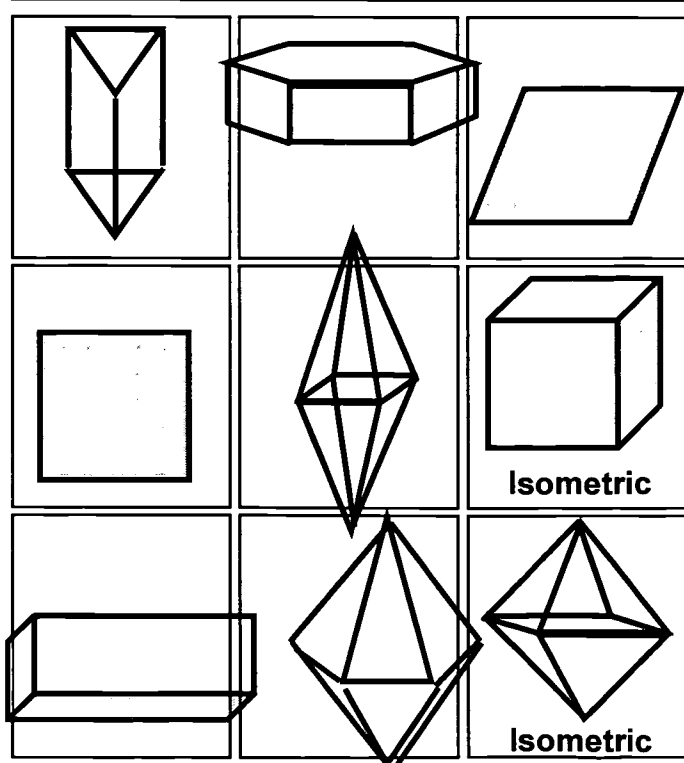
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Card 11



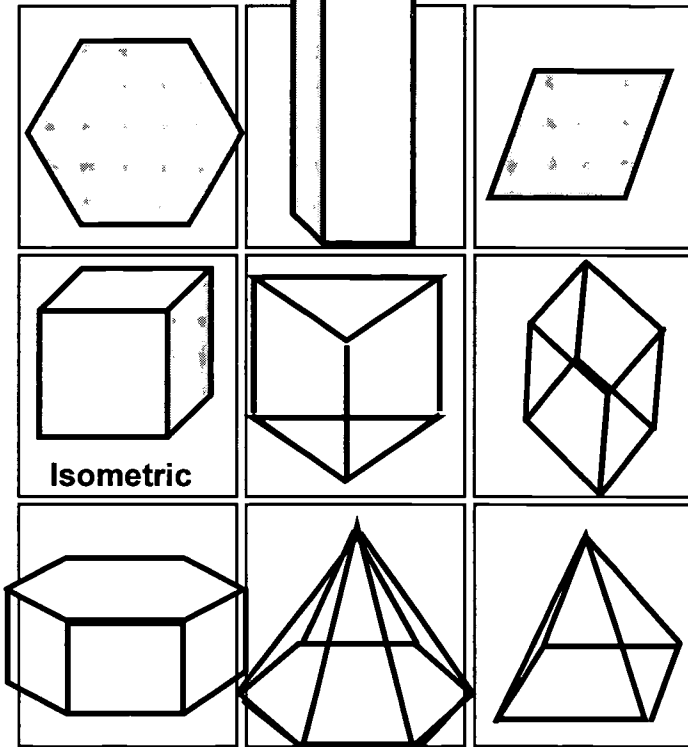
Crystal Shape Bingo

Card 12



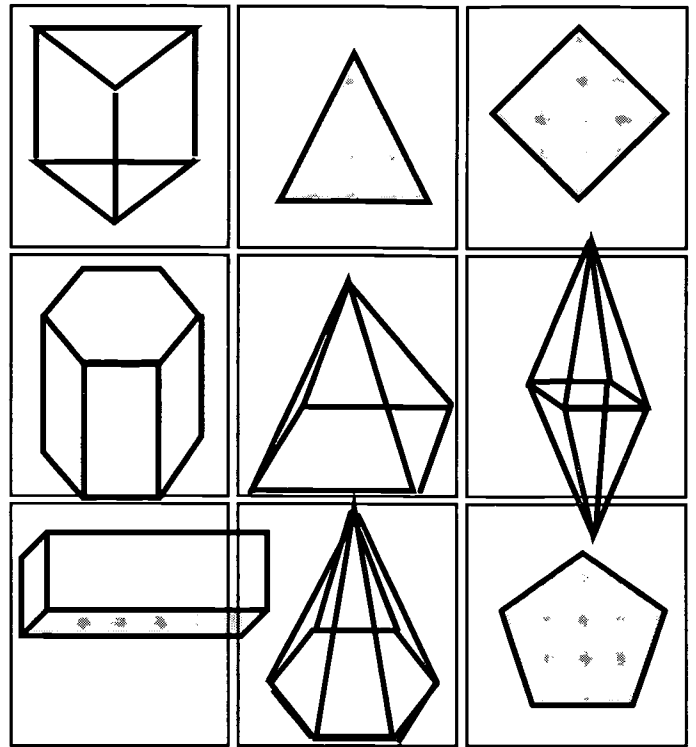
Crystal Shape Bingo

Card 13



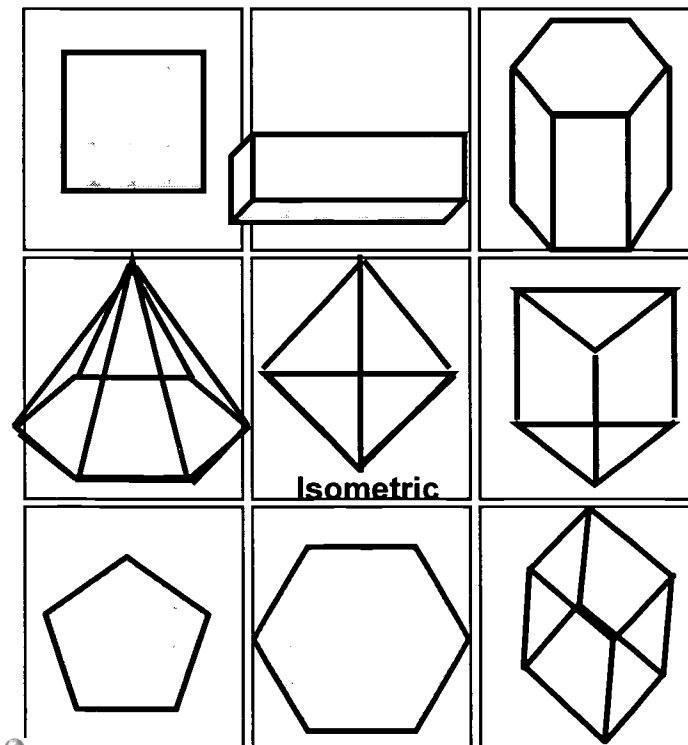
Crystal Shape Bingo

Card 14



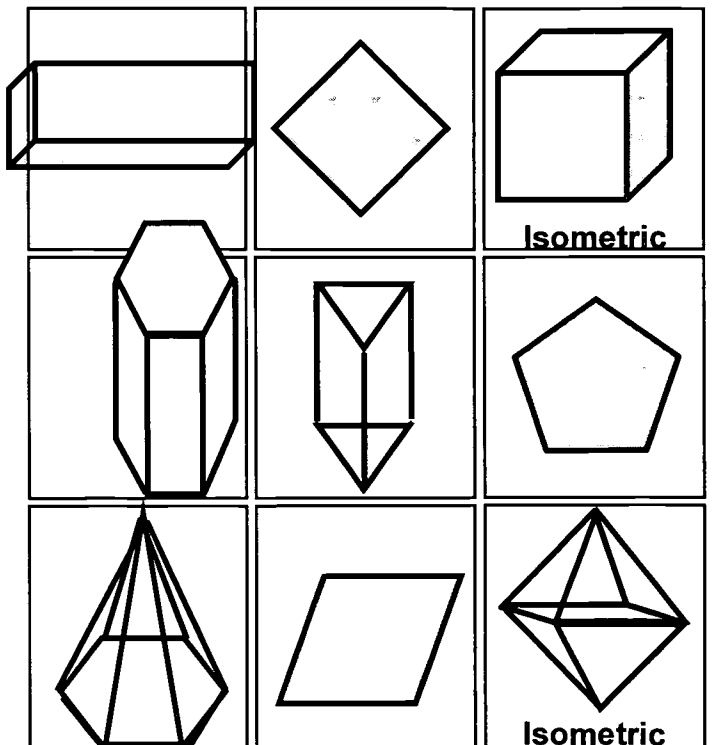
Crystal Shape Bingo

Card 15



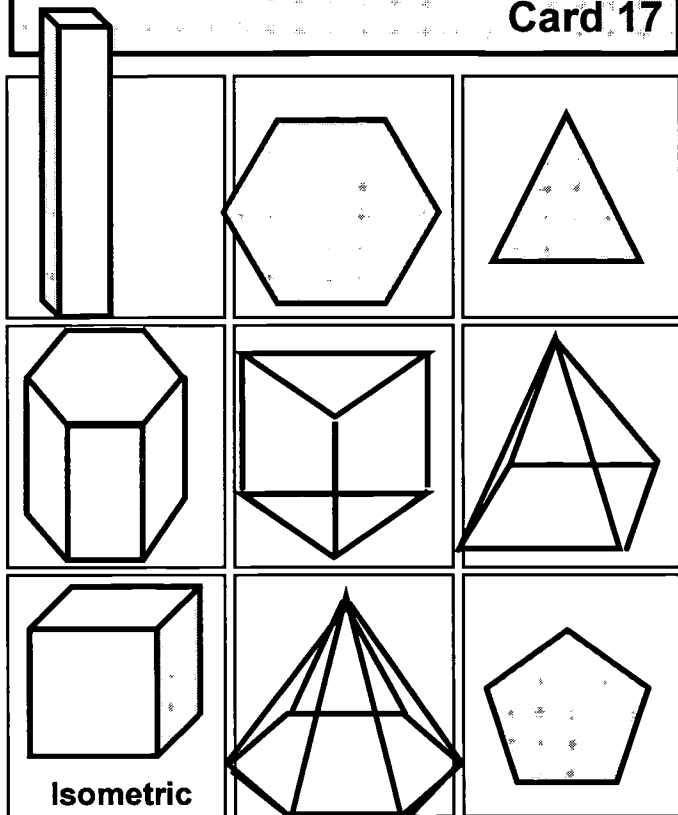
Crystal Shape Bingo

Card 16



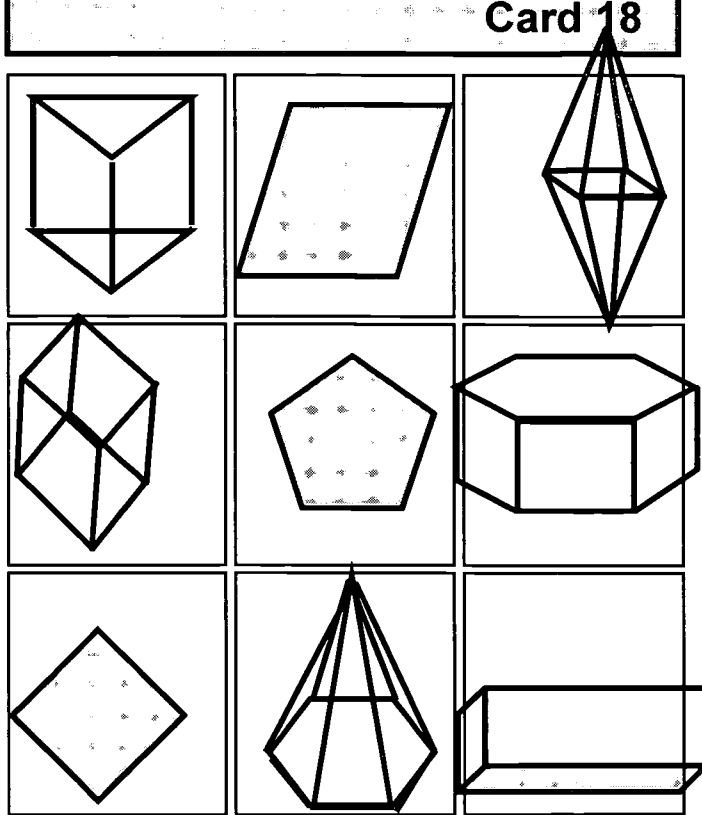
Crystal Shape Bingo

Card 17



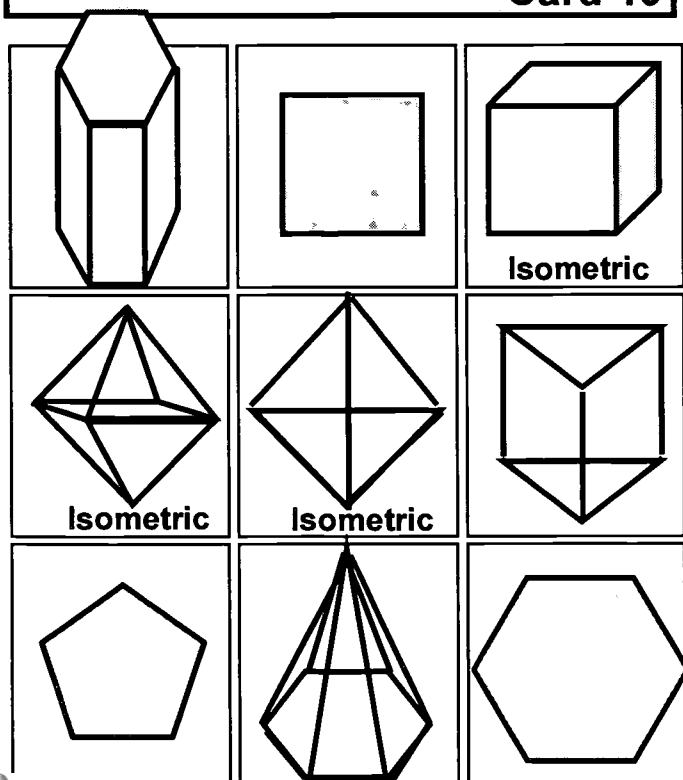
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Card 18



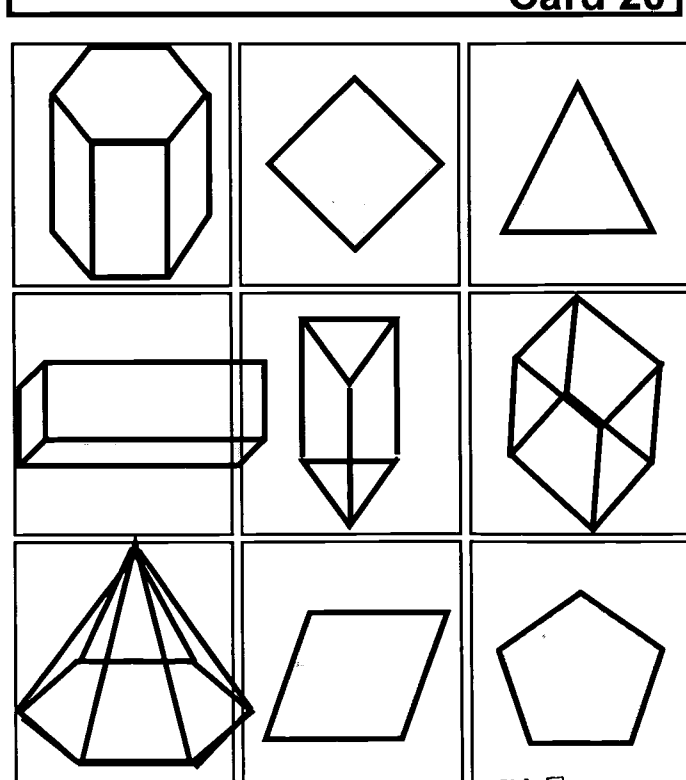
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Card 19



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Card 20





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Organization/Address: <i>Dept. Elem. Education</i>	Telephone: <i>(208) 426-4297</i>	FAX: <i>(208) 426-3807</i>
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