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2022

Guess the Triangle

Mimi Recker Utah State University, mimi.recker@usu.edu

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Recommended Citation

Recker, Mimi, "Guess the Triangle" (2022). *Instructional resources*. Paper 6. https://digitalcommons.usu.edu/eled_support_instructional/6

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Guess the triangle

Create a quiz for your classmates to try

Go to the link below: Click Sign in. Skip Click Sign in. Skip Click Remix if https://scratch.mit.edu Sign in Signing in if your Signing in if your Click Remix if /projects/638131486 Sign in Sign in Signing in if your Signing in if your Signing in if your Signing in if your to. Sign in Signing in if your Signing in if your Signing in if your Signing in if your Signing in if your

The program has 6 pre-made blocks that you will use later

Set 1



Set 2

 ask
 Is this an acute or right triangle? Type 1 for acute and 2 for right.
 and wait

 say
 You got it!
 for
 5
 seconds

 say
 No, the correct answer is 2: a right triangle.
 for
 5
 seconds

TRY IT

Click the code blocks to see what they do_





















TRY IT Click the green flag to start



GET READY



Set-up code

nen 📰 click

🔗 pen up

point in direction 90

set pen size to 5

go to x: 0 y: 0

pen down set size to 30

The program has 3 pre-made blocks, the set-up code, and the convertTo block



Go to the link below:

https://scratch.mit.edu/

projects/638165336



TRY IT

Click the code blocks to see what they do







Click the green flag to start

Math Definitions

Coordinate Plane

<u>x-axis</u> - the horizontal number line on the grid <u>y-axis</u> - the vertical number line on the grid <u>Origin</u> - the location where the x-axis and y-axis intersect at the point (0,0)

<u>Ordered Pair</u> - every point on the coordinate plane is described by an ordered pair with an x-coordinate (horizontal location) and y-coordinate (vertical location)

(x, y) *x*-coordinate



Math Definitions

Triangles

<u>Acute Angle</u> - an angle that measures less than 90° <u>Obtuse Angle</u> - an angle that measures more than 90° <u>Right Angle</u> - an angle that measures exactly 90°

<u>Obtuse Triangle</u> - a triangle with one obtuse angle <u>Acute Triangle</u> - a triangle with three acute angles <u>Right Triangle</u> - a triangle with one right angle

<u>Equilateral Triangle</u> - a triangle with three congruent sides <u>Isosceles Triangle</u> - a triangle with two congruent sides <u>Scalene Triangle</u> - a triangle with no congruent sides







Challenge Task Solution

Obtuse angle value: 108°