

Name:

ANSWERS!

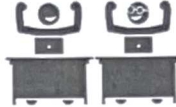
Class:



Communication



Successful Partnership



Encouragement



Solving Problem Together



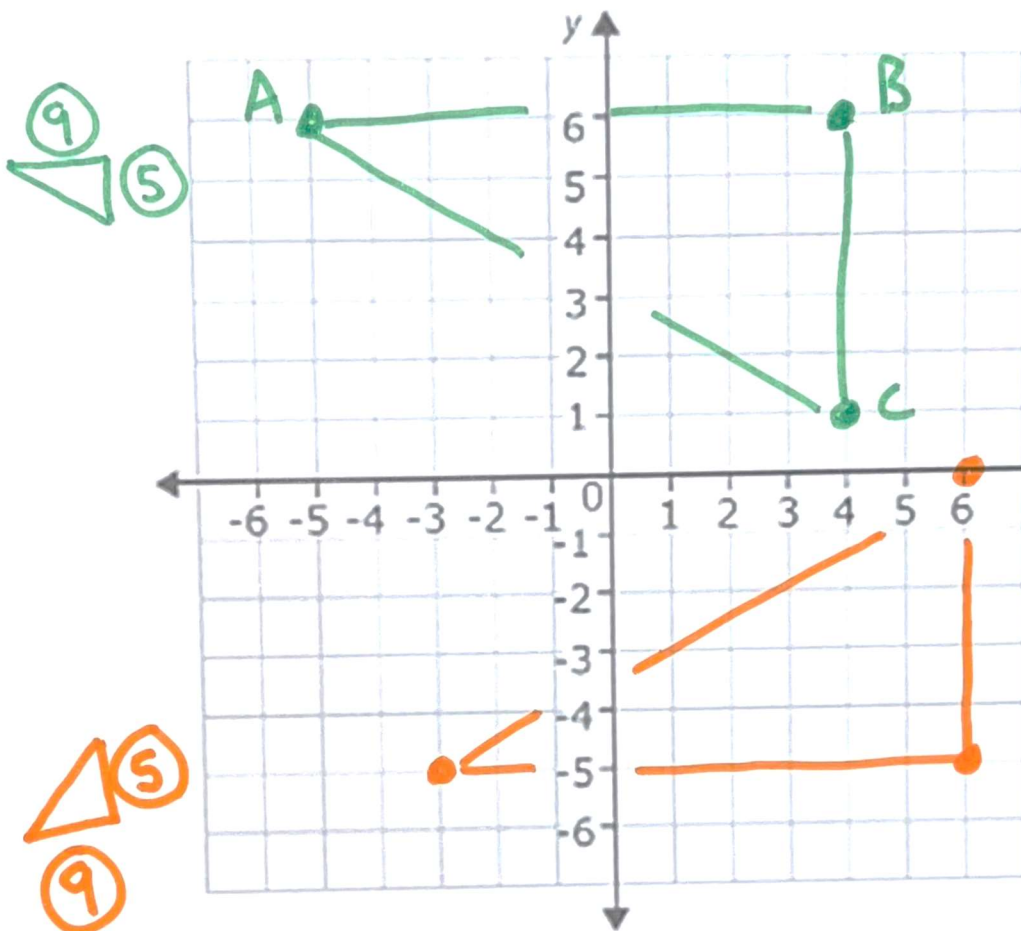
Collaboration

Question 01

Step 1. Draw a triangle with the following vertices: $A(-5, 6)$; $B(4, 6)$, $C(4, 1)$

Step 2. Draw a triangle with the following vertices: $R(-3, -5)$; $S(6, -5)$, $T(6, 0)$

Are the two triangles congruent? Explain how you know!



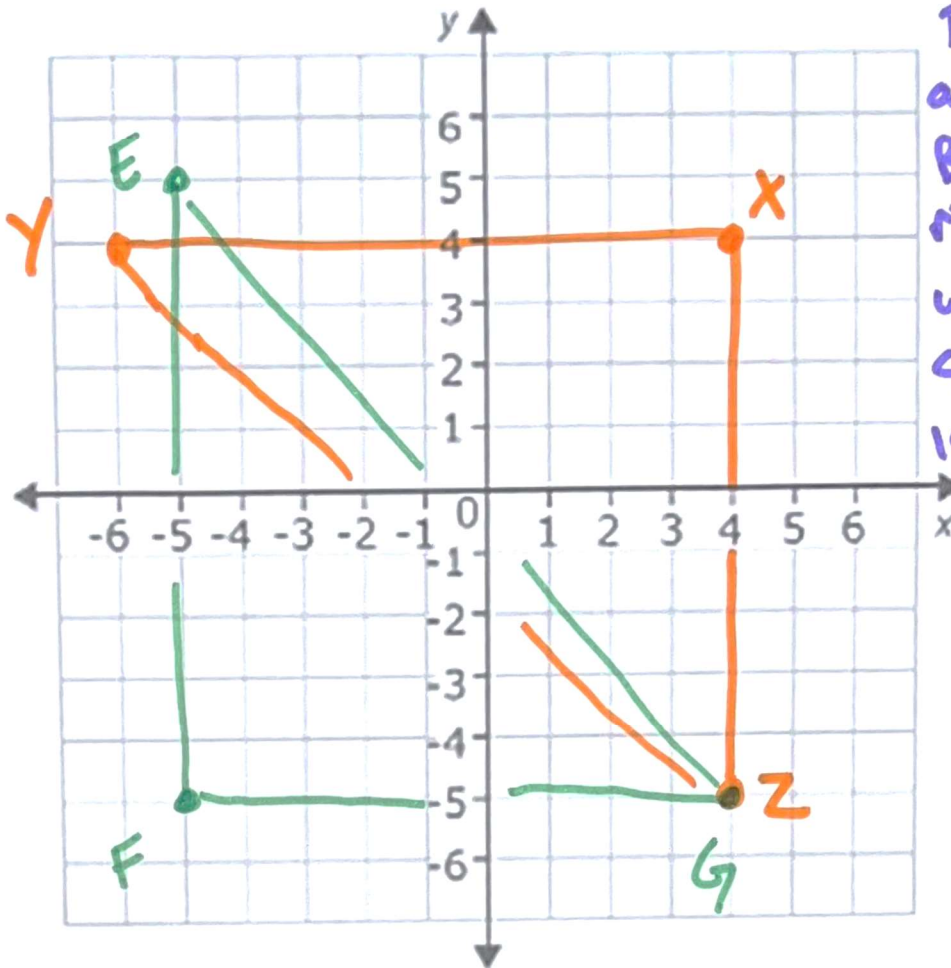
The triangles are congruent. Both are right triangles with legs of 9 units and 5 units. The triangles are the same size and shape.

Question 02

Step 1. Draw a triangle with the following vertices: $E (-5, 5)$; $F (-5, -5)$, $G (4, -5)$

Step 2. Draw a triangle with the following vertices: $X (4, 4)$; $Y (-6, 4)$, $Z (4, -5)$

Are the two triangles congruent? Explain how you know!



The triangles are congruent. Both are right triangles with legs of 9 units and 10 units.

The triangles are the same size and shape.

