

Warm-Up

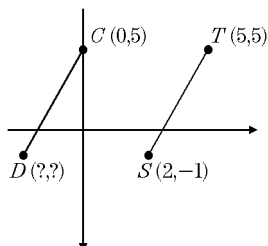
Name: _____

Date: _____

1. \overline{ST} is parallel to \overline{CD} and is the same length as \overline{CD} . What is the y -coordinate of Point D ?

A. -1 B. -2

C. -3 D. -4



2. Marcus wants to move triangle PQR in such a way that vertex P is moved from the point $(-2, 5)$ to $(-3, -3)$. What are the steps that can be used for this translation?

A. Move the triangle one unit up and eight units down.

B. Move the triangle eight units to the left and one unit down.

C. Move the triangle eight units to the left and one unit up.

D. Move the triangle one unit to the left and down eight.

3. What is the image of $(6, -1)$ after a reflection in the x -axis?

A. $(6, 1)$ B. $(-6, -1)$

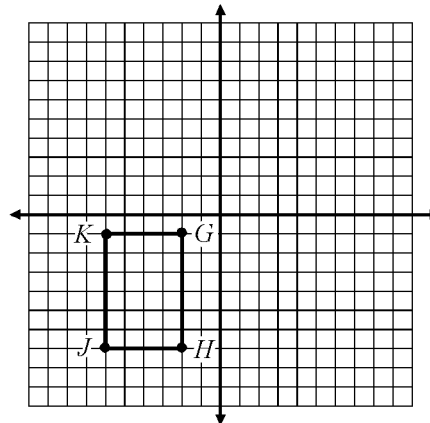
C. $(-1, 6)$ D. $(1, -6)$

4. What is the image of $(2, -5)$ after a reflection in the y -axis?

A. $(5, -2)$ B. $(-5, 2)$

C. $(-2, -5)$ D. $(2, 5)$

5. If the rectangle were rotated 90° counter-clockwise about the origin, what would be the coordinates of point K ?



A. $(1, -6)$ B. $(-1, 6)$

C. $(6, -1)$ D. $(-6, -1)$

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1.
Answer: A
Objective: 8.G.3
2.
Answer: D
Objective: 8.G.3
3.
Answer: A
Objective: 8.G.3
4.
Answer: C
Objective: 8.G.3
5.
Answer: A
Objective: 8.G.3