

Coordinate Grid Practice

Notice in the grid, the point $(-6, 5)$ moves four units to the right. It ends up at $(-2, 5)$.

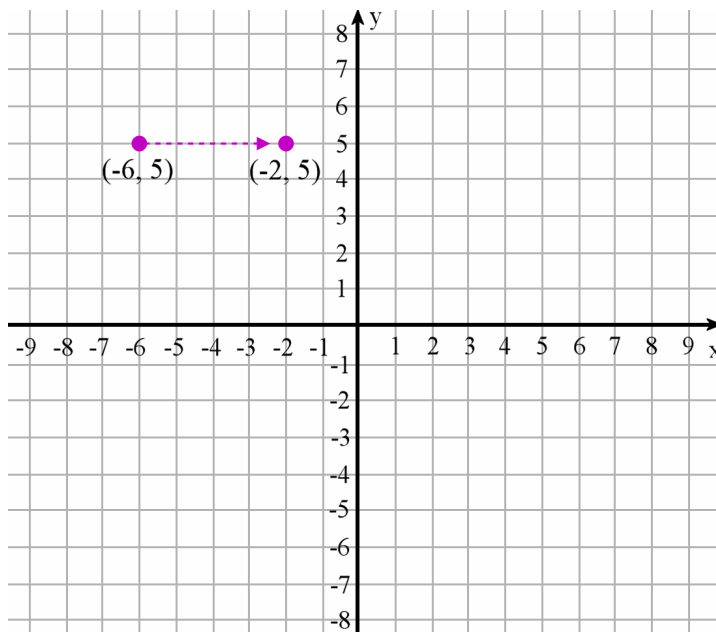
1. a. The points $(-5, -2)$, $(-1, -7)$, and $(1, -6)$ are vertices of a triangle. Draw the triangle.

- b. Move the triangle five units up (draw the new triangle). Write the coordinates of the moved vertices.

$(-5, -2) \rightarrow (\quad , \quad)$

$(-1, -7) \rightarrow (\quad , \quad)$

$(1, -6) \rightarrow (\quad , \quad)$



2. Write the coordinates of the new points based on the directions in the box on the right.

Point	Direction	New point
$(1, 1)$	7 units down	
$(2, -2)$	6 units left	
$(-2, 7)$	5 units right	
$(-2, -2)$	4 units down	

3. The point $(-5, 5)$ is moved 8 units to the right *and* 3 units down. What are its new coordinates?

4. Jayden drew a secret figure, and then he moved it 8 units up. The vertices of the moved figure are now at $(-4, 8)$, $(-6, 6)$, $(-4, 2)$, and $(1, 6)$. What were the coordinates of the original vertices?

