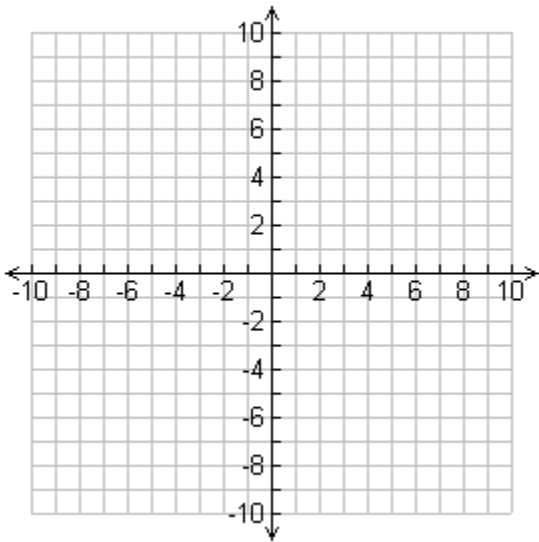


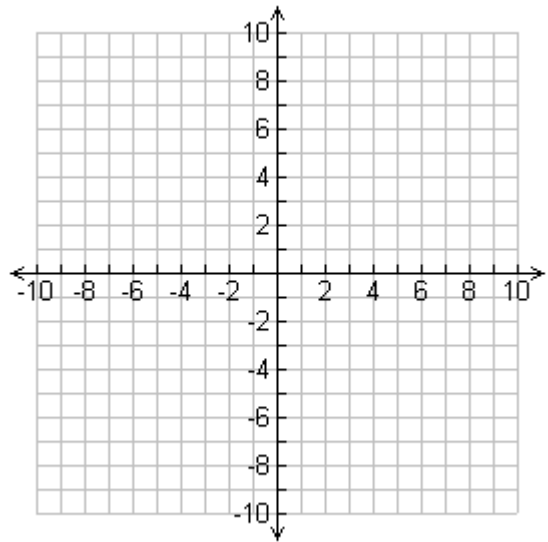
Practice Quiz 2

Transformations: Translations and Reflections

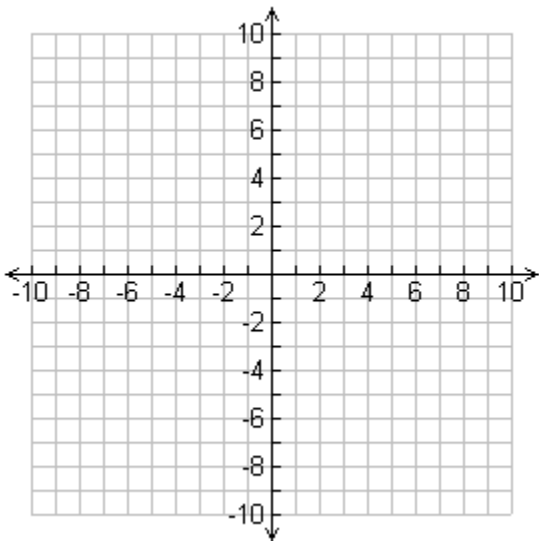
- 1) Draw a triangle with coordinates (3,1) (-2,-2) (4,-4)
Translate the triangle $(x,y) \rightarrow (x+3, y-4)$



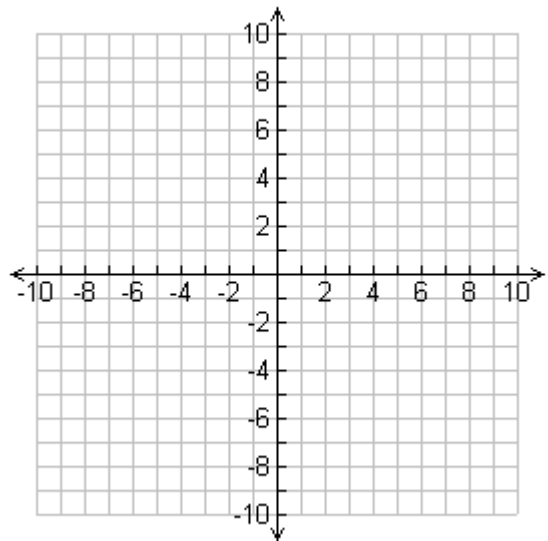
- 2) Draw a triangle with coordinates (3,1) (-2,-2) (4,-4)
Reflect the triangle across the X-axis



- 3) Draw a triangle with coordinates (0,1) (2,4) (5,3)
Translate the triangle $(x,y) \rightarrow (x-4, y-3)$



- 4) Draw a triangle with coordinates (0,1) (2,4) (5,3)
Reflect the triangle across the line $x = -1$



Practice Quiz 1

Distance and Midpoint Formulas

1) Given the points $(2,4)$ & $(5,7)$ Find the midpoint and distance.

2) Given the points $(-2,3)$ & $(8,-1)$ Find the midpoint and distance.

3) Given the points $(-4,-3)$ & $(6,-5)$ Find the midpoint and distance.