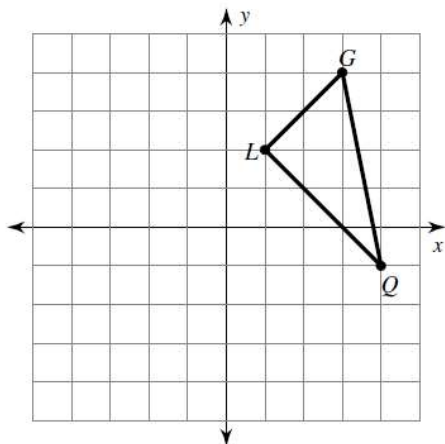


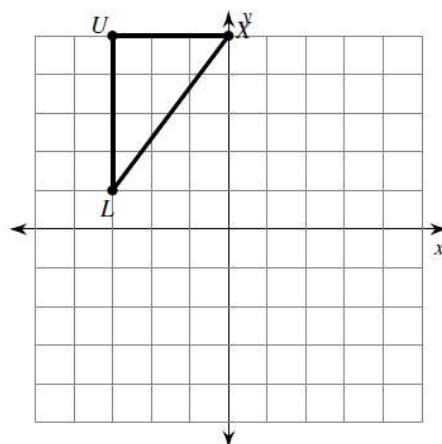
Reflections of Shapes

Graph the image of the figure using the transformation given.

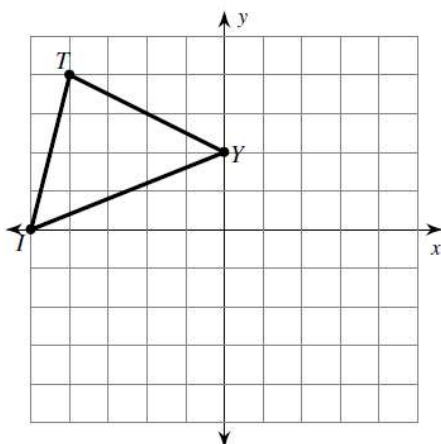
1) reflection across the x-axis



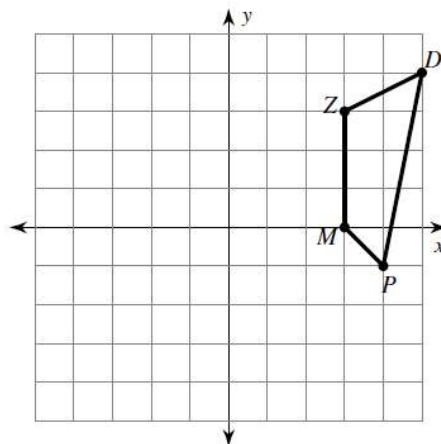
2) reflection across $y = 3$



3) reflection across $y = 1$

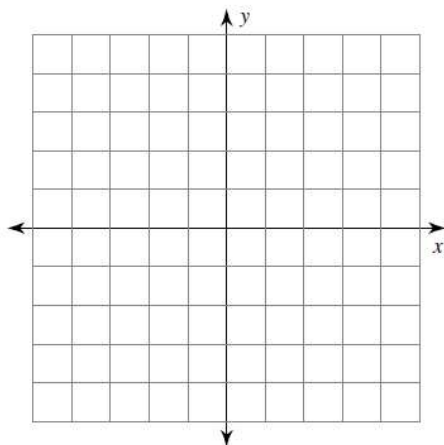


4) reflection across the x-axis



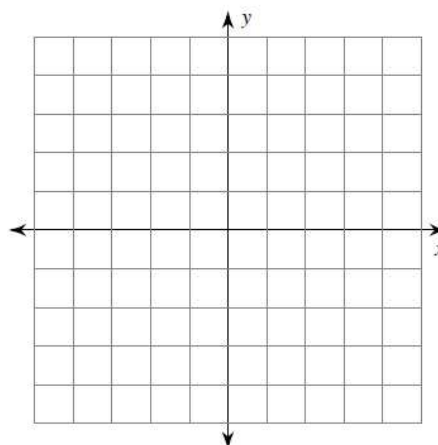
5) reflection across the x-axis

$T(2, 2)$, $C(2, 5)$, $Z(5, 4)$, $F(5, 0)$



6) reflection across $y = -2$

$H(-1, -5)$, $M(-1, -4)$, $B(1, -2)$, $C(3, -3)$



Find the coordinates of the vertices of each figure after the given transformation.

7) reflection across the x-axis
 $K(1, -1), N(4, 0), Q(4, -4)$

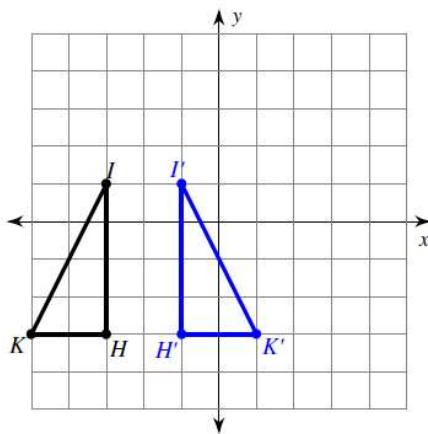
8) reflection across $y = -1$
 $R(-3, -5), N(-4, 0), V(-2, -1), E(0, -4)$

9) reflection across $x = 3$
 $F(2, 2), W(2, 5), K(3, 2)$

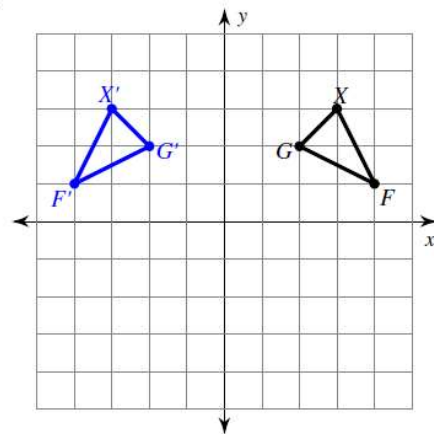
10) reflection across $x = -1$
 $V(-3, -1), Z(-3, 2), G(-1, 3), M(1, 1)$

Write a rule to describe each transformation.

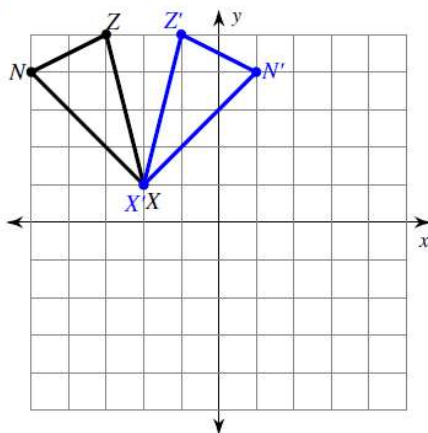
11)



12)



13)



14)

