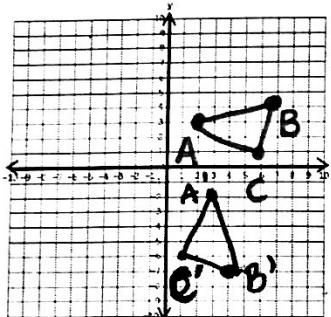


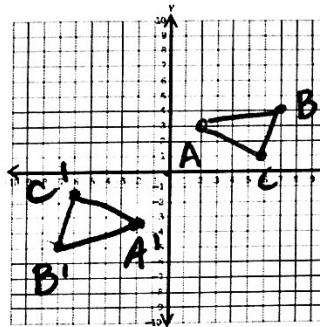
# Review 2.2 - 2.4

The vertices of a triangle are  $A(2, 3)$ ,  $B(7, 4)$ , and  $C(6, 1)$ . Turn  
 triangle as described. Find the coordinates of the image.

1.  $90^\circ$  clockwise about the origin

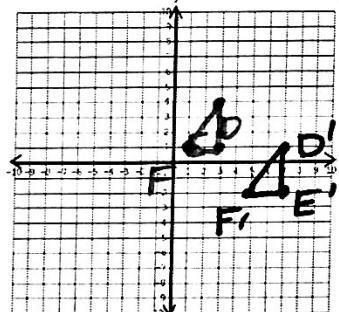


2.  $180^\circ$  about the origin

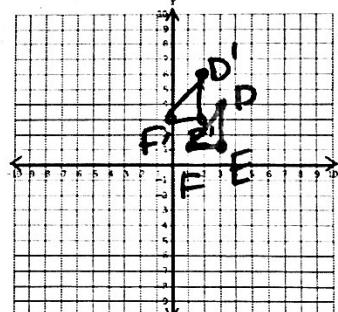


The vertices of a triangle are  $D(3, 4)$ ,  $E(3, 1)$ , and  $F(1, 1)$ . Translate the  
 triangle as described. Find the coordinates of the image. slide

3. right 4 units and down 3 units

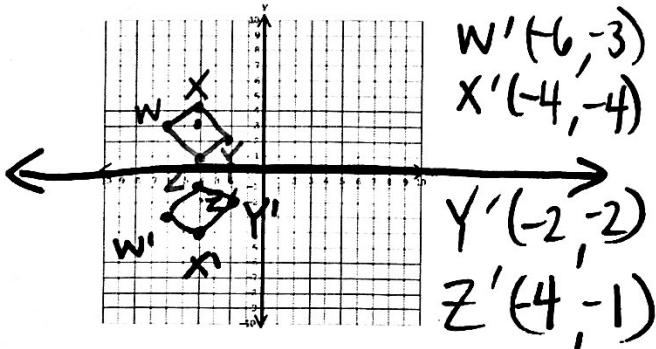


4.  $(x, y) \rightarrow (x - 1, y + 2)$

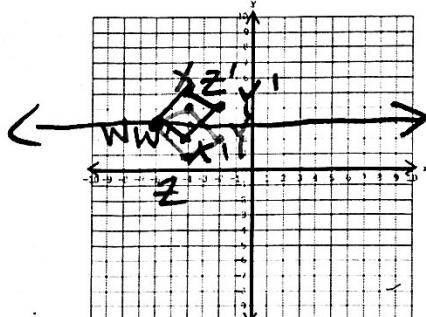


The vertices of a parallelogram are  $W(-6, 3)$ ,  $X(-4, 4)$ ,  $Y(-2, 2)$ , and  $Z(-4, 1)$ . Reflect the parallelogram as described.

5. reflect about the x-axis



6. reflect about  $y = 3$  horizontal



- $W'(-6, 3)$   
 $X'(-4, 2)$   
 $Y'(-2, 4)$   
 $Z'(-4, 5)$

$x = \#$  vertical ↑