

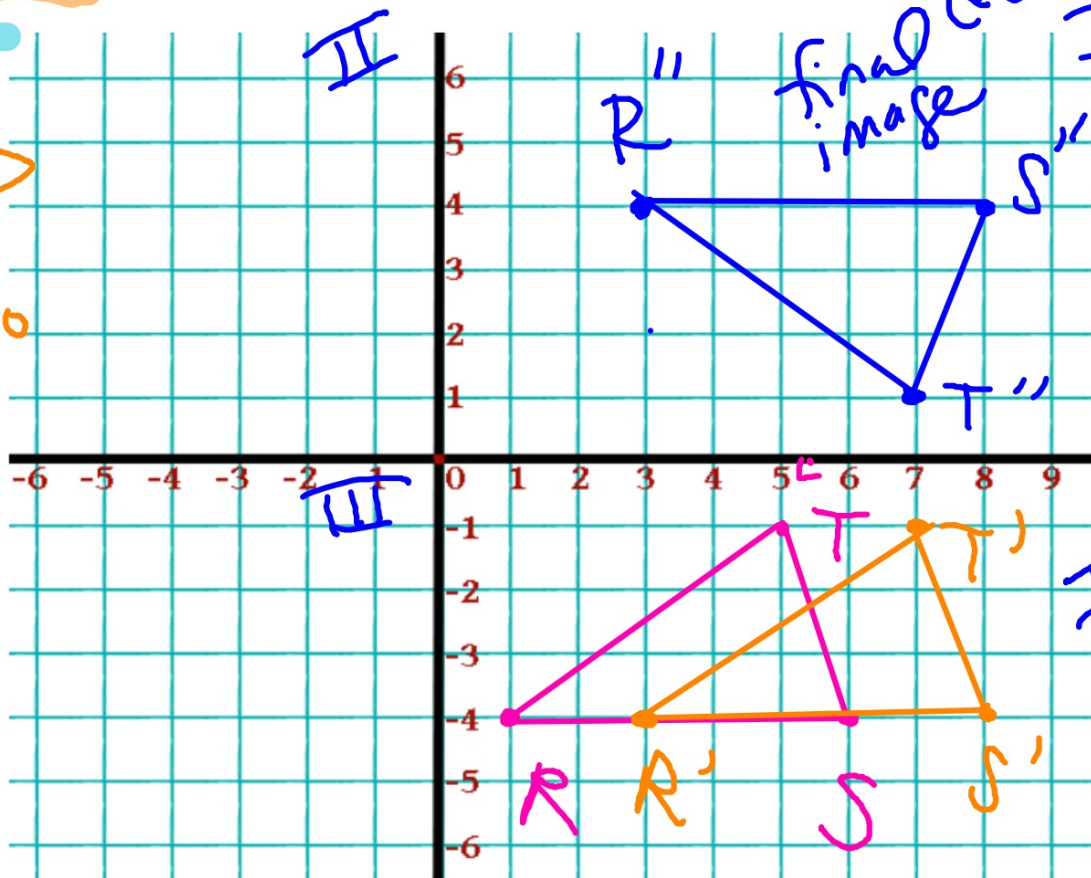
#5 Graph each figure with the given vertices and its image after the indicated glide reflection.

$\triangle RST$: $R(1, -4)$, $S(6, -4)$, $T(5, -1)$

Translation: along $\langle 2, 0 \rangle$

Reflection: in x -axis

$\langle 2, 0 \rangle$
 x y
 $\rightarrow$ no
 Right
 2

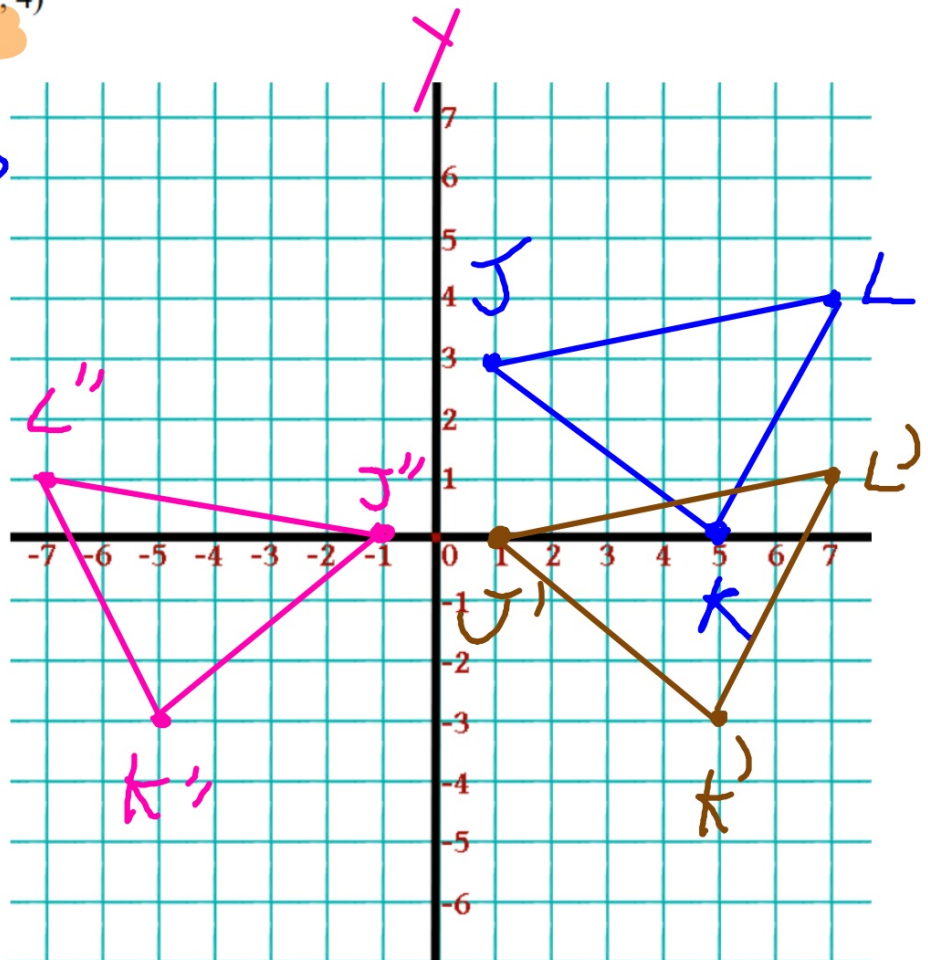


#6 $\triangle JKL: J(1, 3), K(5, 0), L(7, 4)$

Translation: along $\langle 0, -3 \rangle$

Reflection: in y-axis

$\langle 0, -3 \rangle$
no x, y down 3
↓

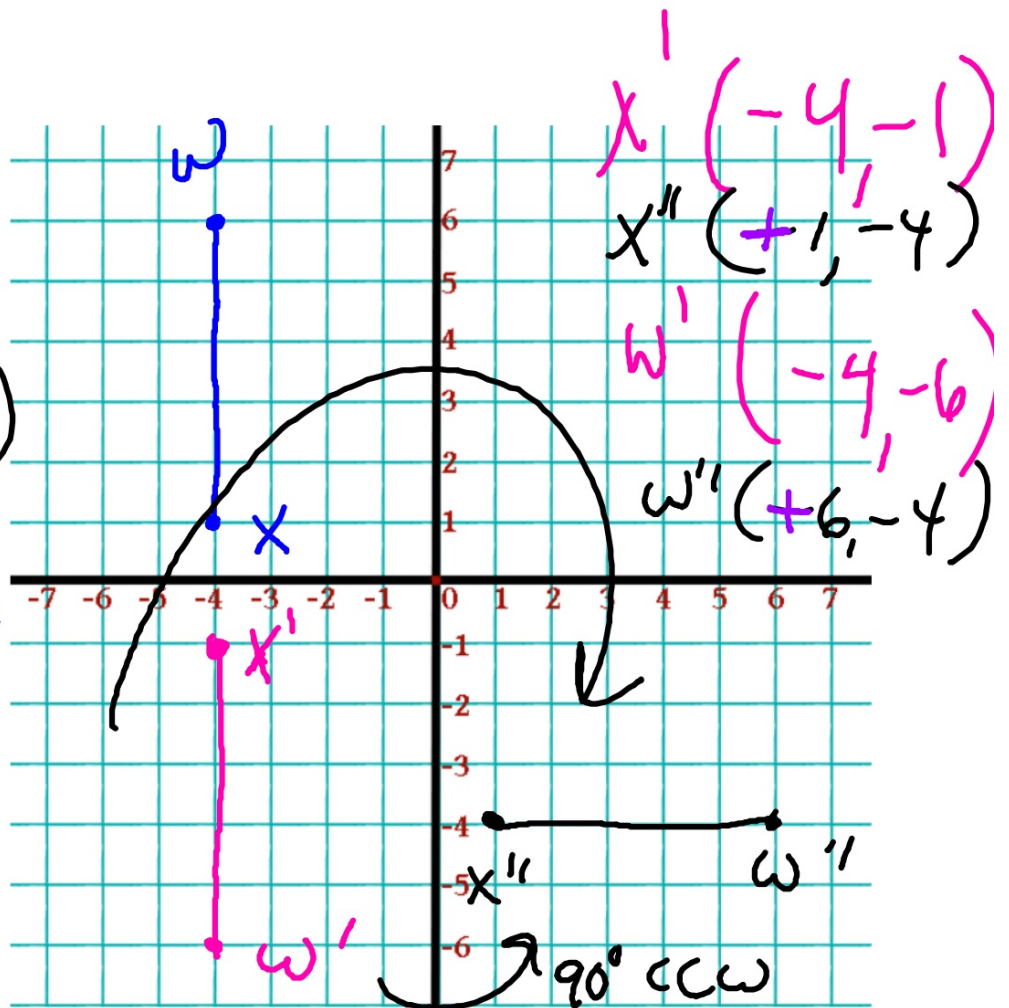


#7 $\overline{WX}$: $W(-4, 6)$ and $X(-4, 1)$

Reflection: in x-axis

Rotation: 90° about origin

90° (ccw)
 $90^\circ (-y, x)$
 $180^\circ (-x, -y)$
 $270^\circ (y, -x)$



#8

$\overline{FG}$: $F(1, 1)$ and $G(6, 7)$

Reflection: in x-axis

Rotation: 180° about origin

$$(-x, -y)$$

$$F'(1, -1)$$

$$G'(6, -7)$$

$$F''(-1, 1)$$

$$G''(-6, 7)$$

