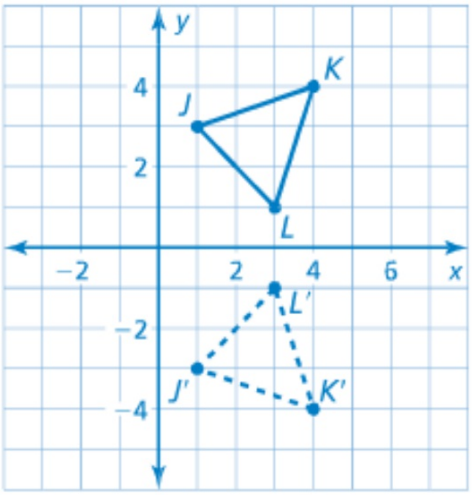
The vertices of △*JKL* are *J* (1, 3), *K* (4, 4), and *L*(3, 1).

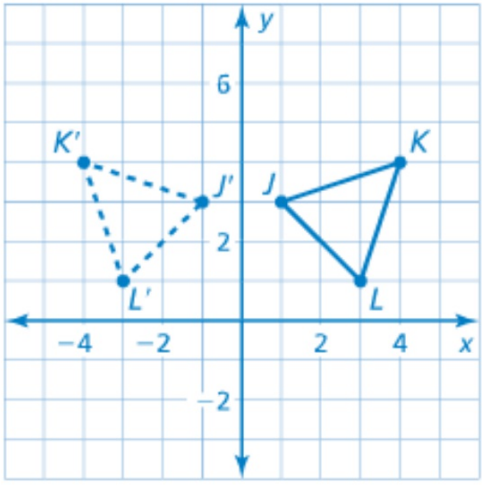
5. Graph △*JKL* and its image after a reflection in the *x* -axis.

6. Graph △*JKL* and its image after a reflection in the *y* -axis.

#5



#6

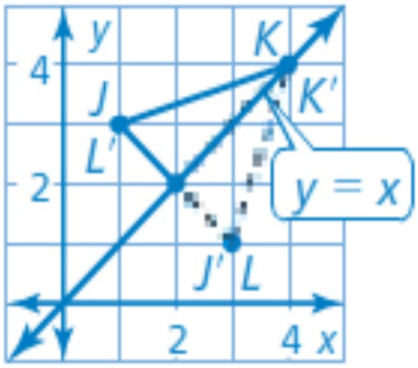


The vertices of △*JKL* are *J* (1, 3), *K* (4, 4), and *L*(3, 1).

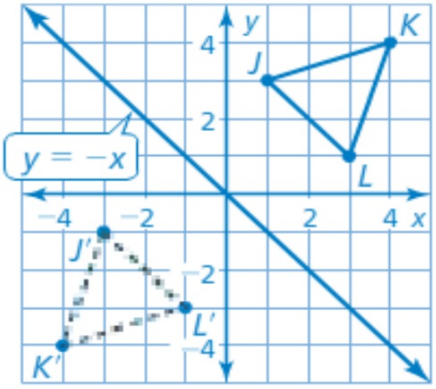
7. Graph △*JKL* and its image after a reflection in the line $y = x$.

8. Graph △*JKL* and its image after a reflection in the line $y = -x$.

#7



#8



Graph $\triangle ABC$ with vertices $A(3, 2)$, $B(6, 3)$, and $C(7, 1)$ and its image after the glide reflection.

Translation: $(x, y) \rightarrow (x - 12, y)$

Reflection: in the x-axis

SOLUTION

Begin by graphing $\triangle ABC$. Then graph $\triangle A'B'C'$ after a translation 12 units left. Finally, graph $\triangle A''B''C''$ after a reflection in the x-axis.