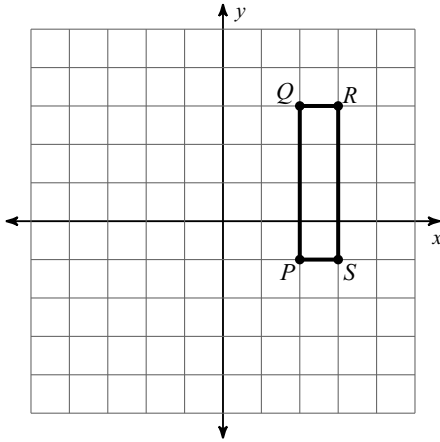


8.G.3 Translate Practice

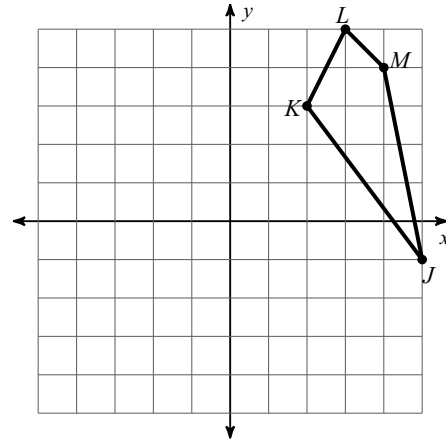
Date _____ Period _____

Graph the image of the figure using the transformation given.

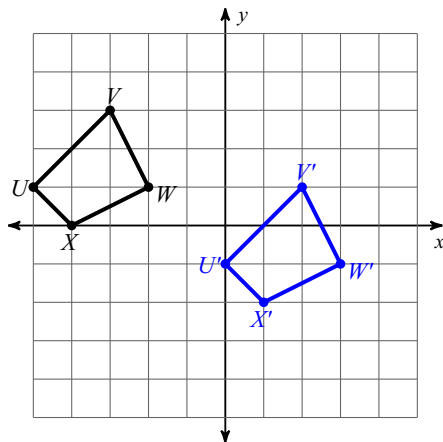
1) translation: $(x, y) \rightarrow (x - 4, y - 4)$



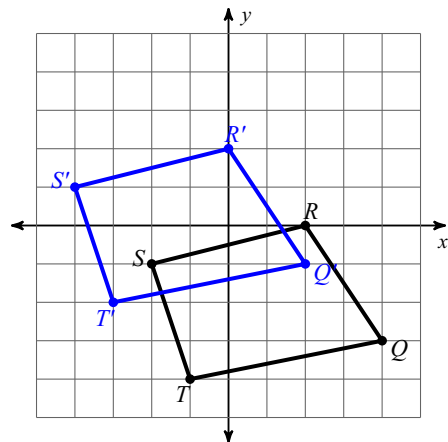
2) translation: $(x, y) \rightarrow (x, y - 2)$

**Write a rule to describe each transformation.**

3)



4)

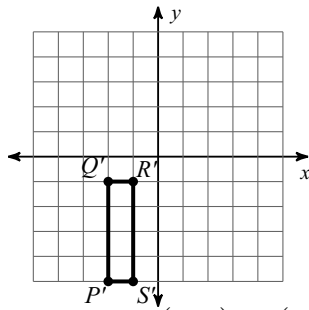
**Find the coordinates of the vertices of each figure after the given transformation.**

5) translation: $(x, y) \rightarrow (x + 3, y + 5)$
 $U(-4, -5), V(-4, 0), W(-3, -2)$

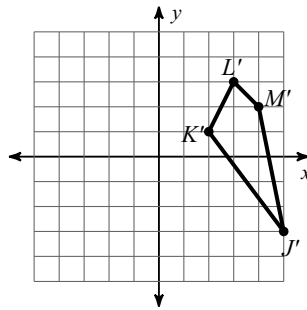
6) translation: $(x, y) \rightarrow (x - 3, y + 2)$
 $E(2, -2), F(4, -1), G(4, -4)$

Answers to 8.G.3 Translate Practice (ID: 1)

1)



2)



3) translation: $(x, y) \rightarrow (x + 5, y - 2)$

4) translation: $(x, y) \rightarrow (x - 2, y + 2)$

5) $U'(-1, 0)$, $V'(-1, 5)$, $W'(0, 3)$

6) $E'(-1, 0)$, $F'(1, 1)$, $G'(1, -2)$