

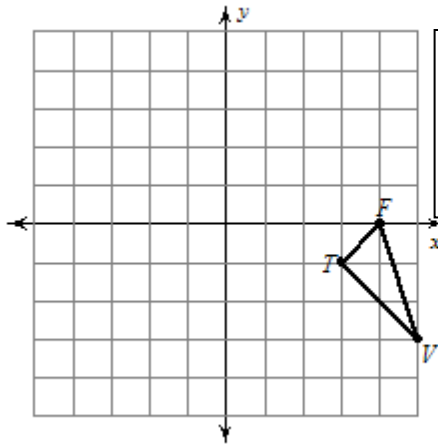
Translations → Translations



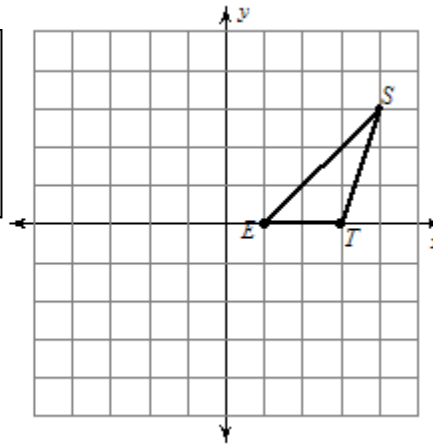
Perform the following translations. Be sure to give the coordinates of the image.

1. $(x, y) \rightarrow (x, y+5)$

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



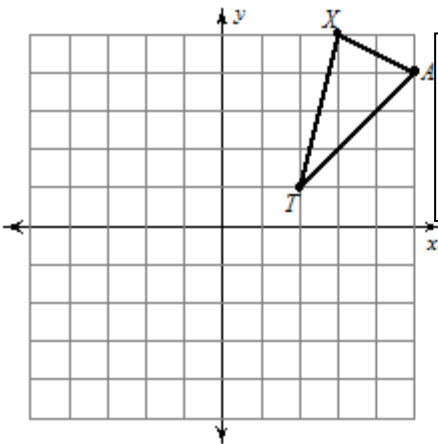
F' (____, ____)
 T' (____, ____)
 V' (____, ____)



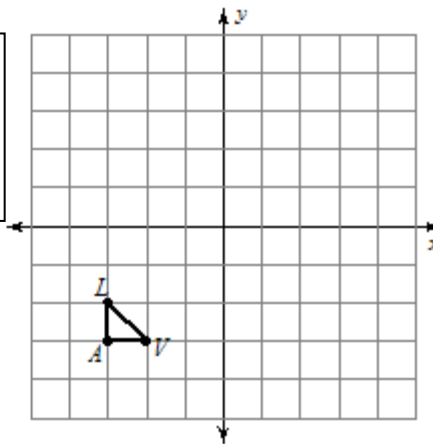
E' (____, ____)
 S' (____, ____)
 T' (____, ____)

3. $(x, y) \rightarrow (x-2, y-6)$

4. $(x, y) \rightarrow (x+1, y+6)$



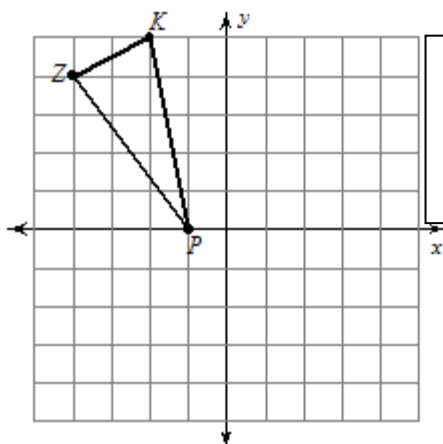
A' (____, ____)
 T' (____, ____)
 X' (____, ____)



A' (____, ____)
 L' (____, ____)
 V' (____, ____)

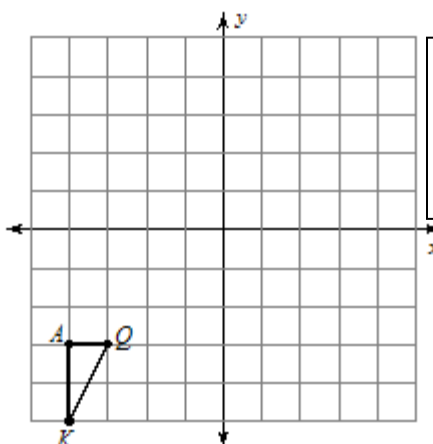
Lesson 3 Geometry Grade 10

5. $(x, y) \rightarrow (x+3, y-3)$



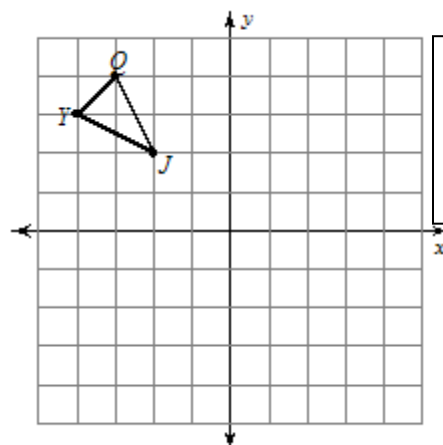
$K'(\underline{\quad}, \underline{\quad})$
 $P'(\underline{\quad}, \underline{\quad})$
 $Z'(\underline{\quad}, \underline{\quad})$

6. $(x, y) \rightarrow (x+1, y+3)$



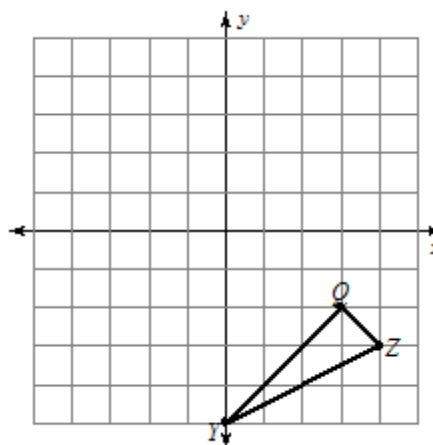
$A'(\underline{\quad}, \underline{\quad})$
 $K'(\underline{\quad}, \underline{\quad})$
 $Q'(\underline{\quad}, \underline{\quad})$

7. $\langle 3, -4 \rangle$



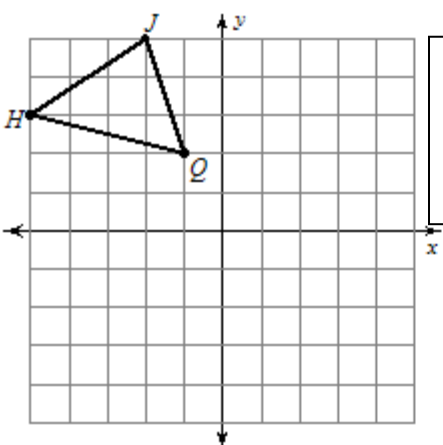
$J'(\underline{\quad}, \underline{\quad})$
 $Q'(\underline{\quad}, \underline{\quad})$
 $Y'(\underline{\quad}, \underline{\quad})$

8. $\langle -1, 6 \rangle$



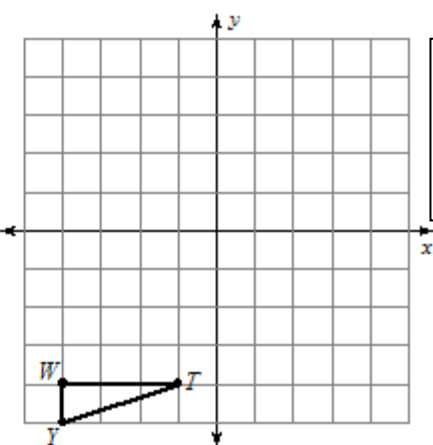
$Q'(\underline{\quad}, \underline{\quad})$
 $Y'(\underline{\quad}, \underline{\quad})$
 $Z'(\underline{\quad}, \underline{\quad})$

9. $\langle 6, -1 \rangle$



$H'(\underline{\quad}, \underline{\quad})$
 $J'(\underline{\quad}, \underline{\quad})$
 $Q'(\underline{\quad}, \underline{\quad})$

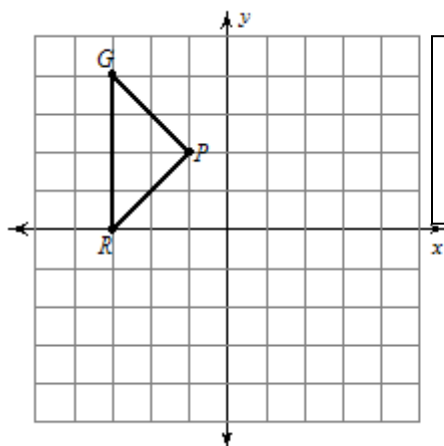
10. $\langle 2, 8 \rangle$



$T'(\underline{\quad}, \underline{\quad})$
 $W'(\underline{\quad}, \underline{\quad})$
 $Y'(\underline{\quad}, \underline{\quad})$

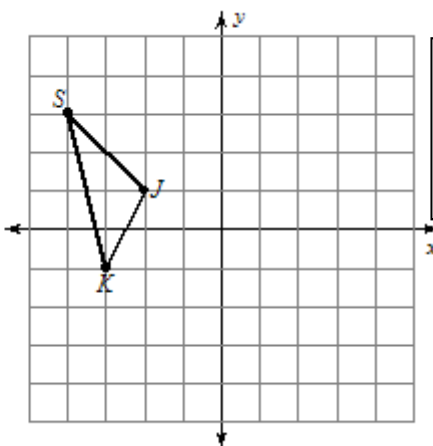
Lesson 3 Geometry Grade 10

11. $\langle 2, -4 \rangle$



G' (____, ____)
 P' (____, ____)
 R' (____, ____)

12. $\langle 6, 0 \rangle$



J' (____, ____)
 K' (____, ____)
 S' (____, ____)