

GEOMETRY
9.1 Reflections

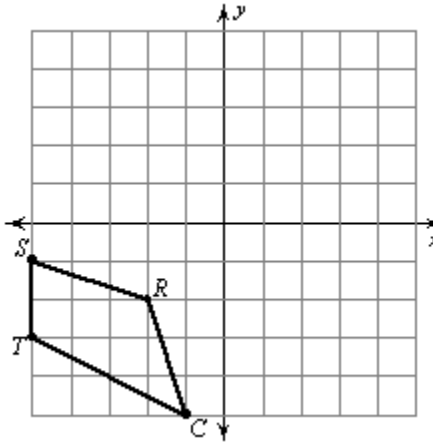
HOMEWORK

Name _____



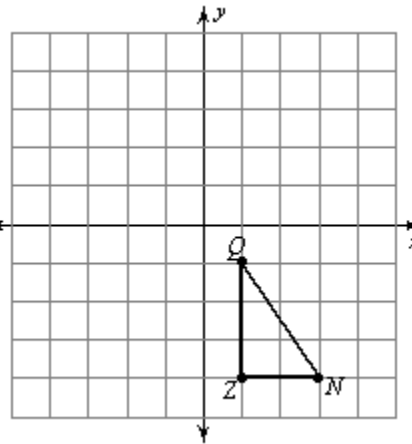
Perform the following reflections. Be sure to give the coordinates of the image.

1. Reflection across the y -axis



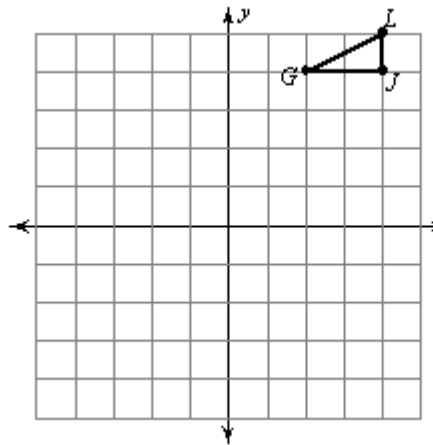
C' (_____, _____)
 R' (_____, _____)
 S' (_____, _____)
 T' (_____, _____)

2. Reflection across the x -axis



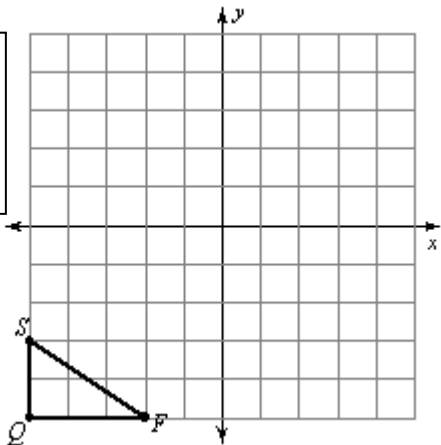
N' (_____, _____)
 Q' (_____, _____)
 Z' (_____, _____)

3. Reflection across $y = 3$



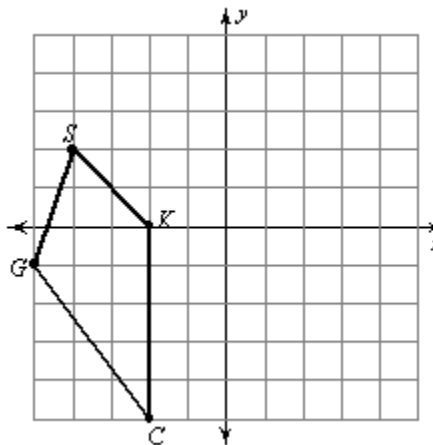
G' (_____, _____)
 J' (_____, _____)
 L' (_____, _____)

4. Reflection across $x = -1$



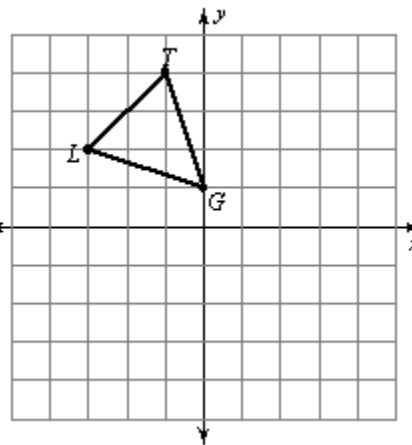
F' (_____, _____)
 Q' (_____, _____)
 S' (_____, _____)

5. Reflection across the y -axis



C' (_____, _____)
 G' (_____, _____)
 K' (_____, _____)
 S' (_____, _____)

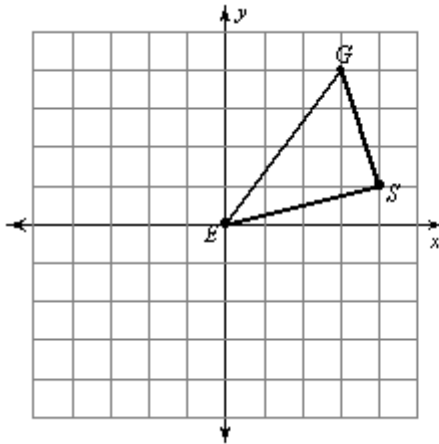
6. Reflection across the x -axis



G' (_____, _____)
 T' (_____, _____)
 L' (_____, _____)

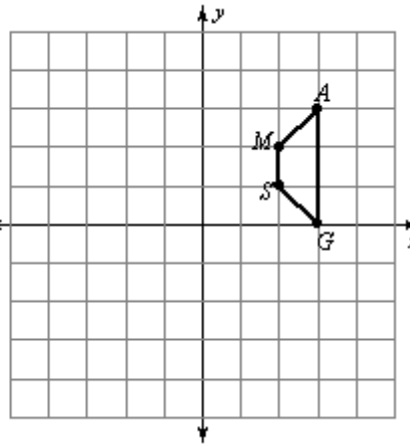
Lesson 1 Geometry Grade 10

7. Reflection across $y=1$



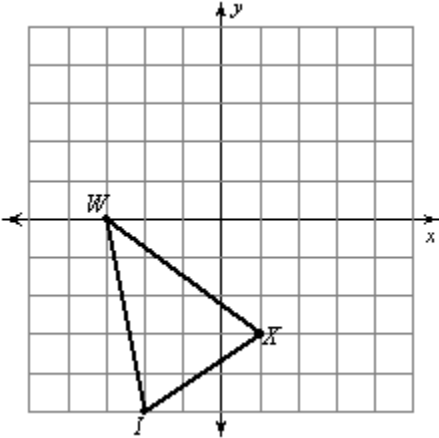
G' (____, ____)
 E' (____, ____)
 S' (____, ____)

8. Reflection across $x=1$



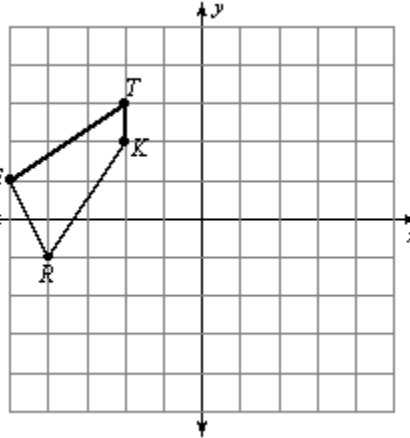
A' (____, ____)
 G' (____, ____)
 M' (____, ____)
 S' (____, ____)

9. Reflection across the y -axis



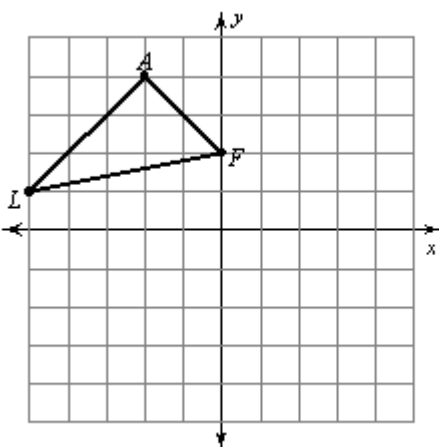
I' (____, ____)
 W' (____, ____)
 X' (____, ____)

10. Reflection across the x -axis



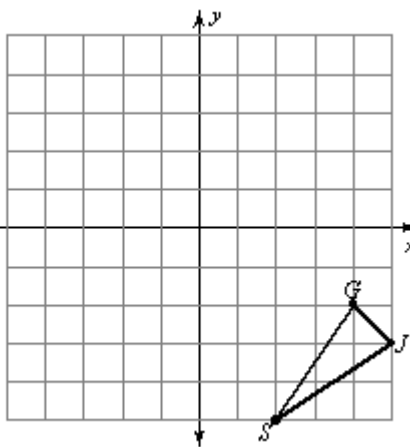
E' (____, ____)
 K' (____, ____)
 R' (____, ____)
 T' (____, ____)

11. Reflection across $y=x$



A' (____, ____)
 F' (____, ____)
 L' (____, ____)

12. Reflection across $y=x$



G' (____, ____)
 J' (____, ____)
 S' (____, ____)