Secondary Math 1 Geometry

Name_____

Unit 10.3 worksheet Reflections

Period_____

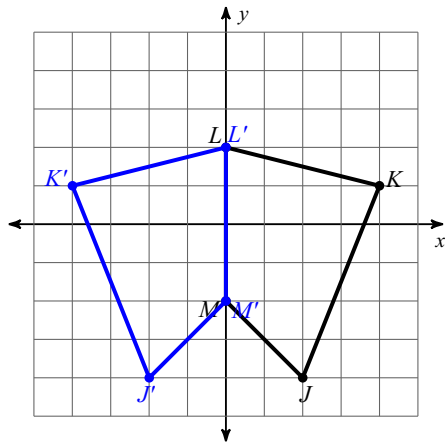**Write a rule to describe each transformation.**

1) $D(5, -3)$ to $D'(5, 3)$
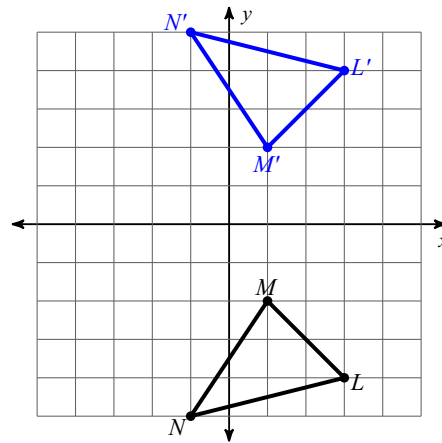
2) $I(2, -1)$ to $I'(2, -3)$

3) $A(4, -2)$ to $A'(2, -2)$
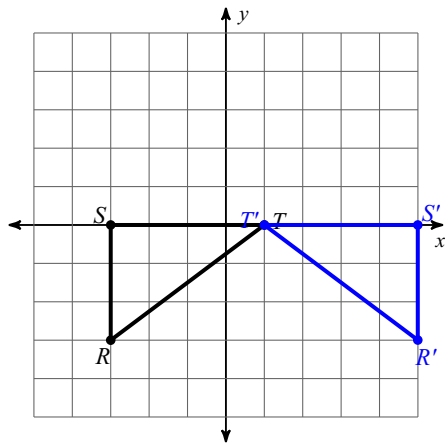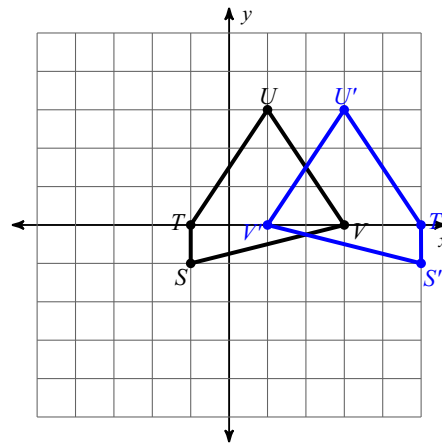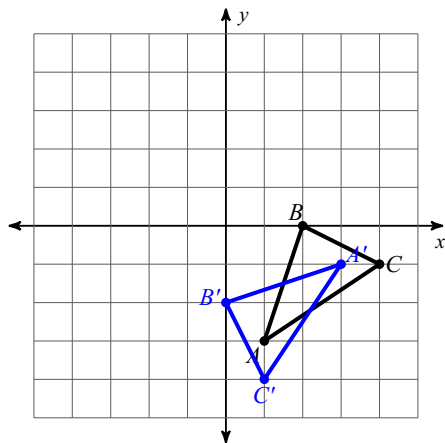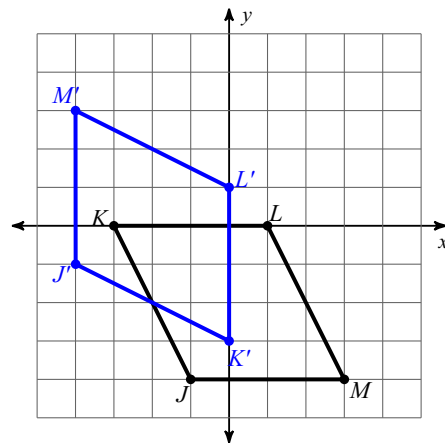
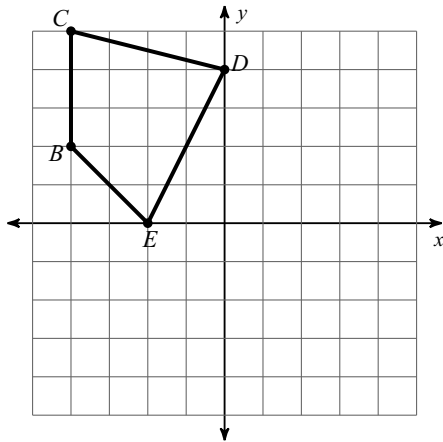4) $D(-5, 0)$ to $D'(3, 0)$
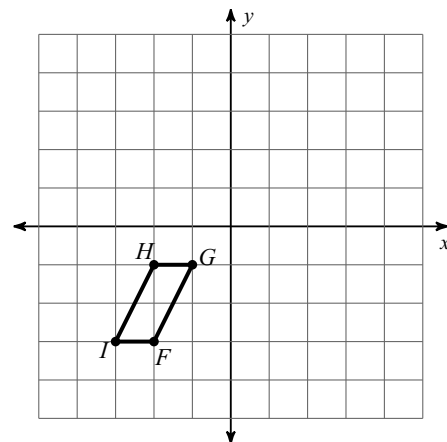
5)

6)

7)

8)

9)

10)

Graph the image of the figure using the transformation given.
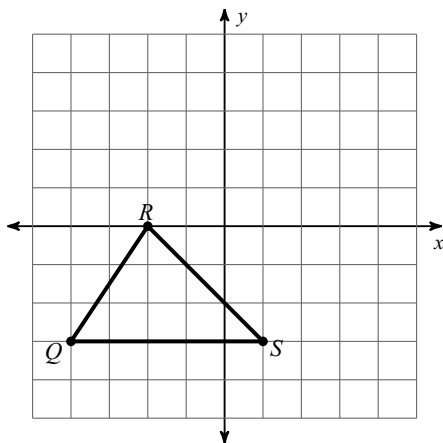
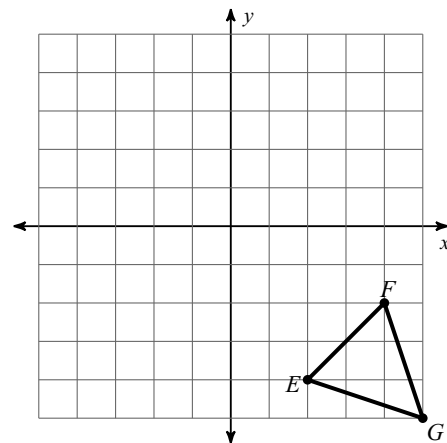11) reflection across the x-axis

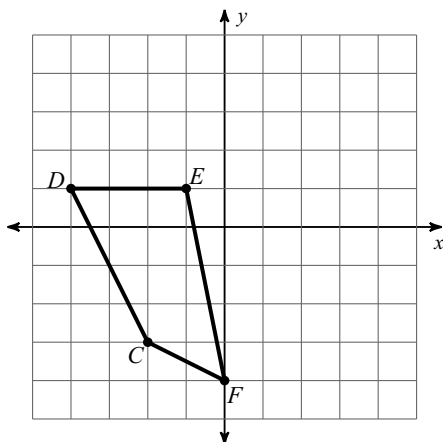12) reflection across $y = -1$

13) reflection across $x = -1$

14) reflection across $y = -3$

15) reflection across $y = -x$

16) reflection across $y = x$