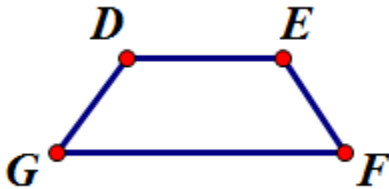


Name: _____

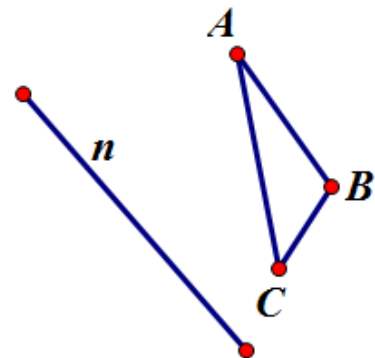
Date: _____

Transformation Review Day 2

1. Rotate the figure below 90 degrees counter clockwise around point G

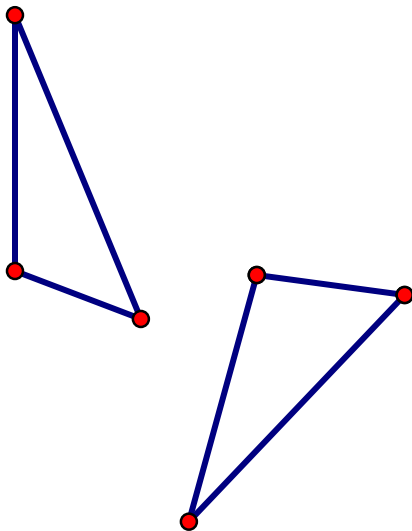


2. Reflect the triangle across line n

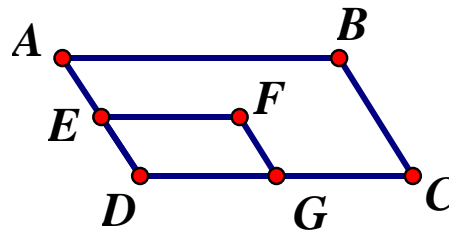


3. Determine if the figures below are similar, congruent, or neither. If similar or congruent identify the transformations that have occurred.

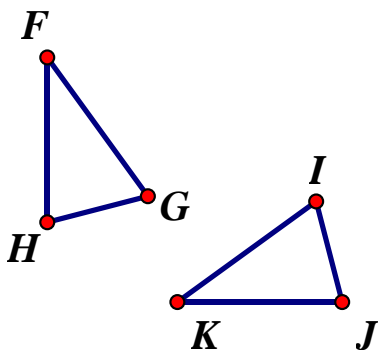
a.



b.



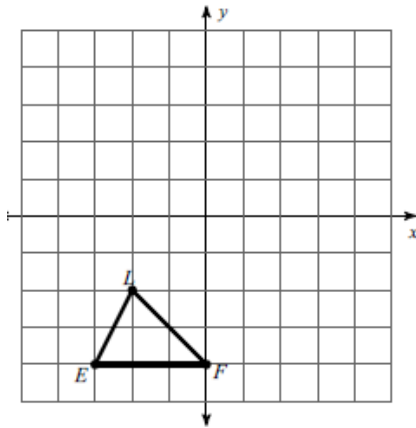
c.



4. Graph the image of the figure using the transformation given.

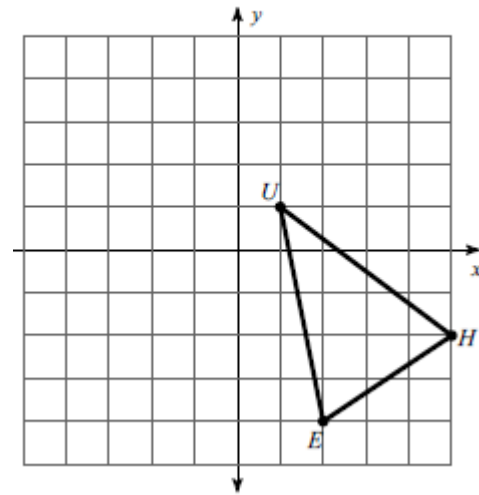
a.

translation: 3 units right and 5 units up



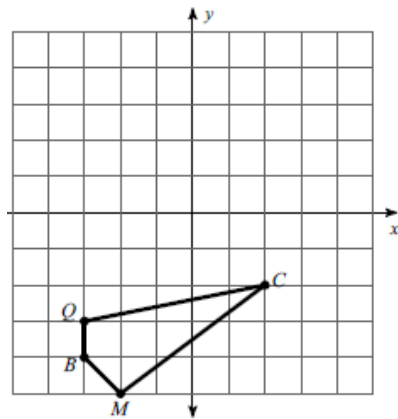
b.

reflection across $y = -x$



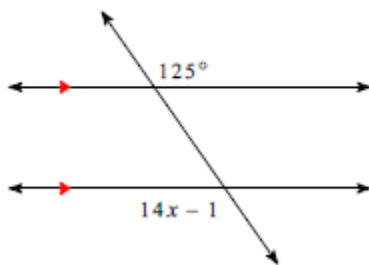
c.

rotation 90° counterclockwise about the origin



5. Explain what angle relationships you are using to setup your equation. Then setup an equation and solve for x .

a.



b.

