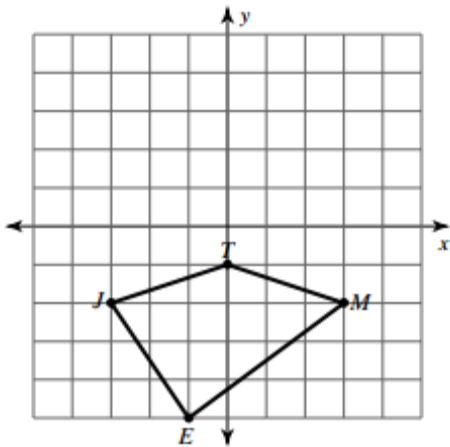


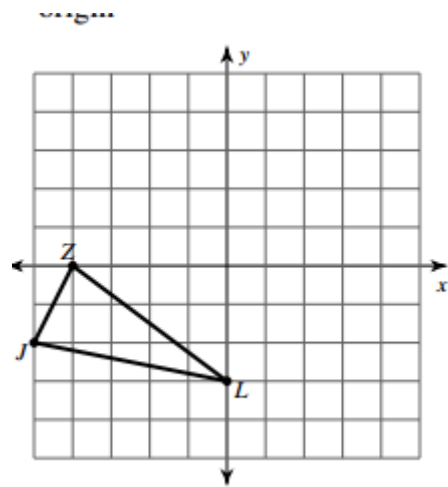
# ASSIGNMENT 17

Review:

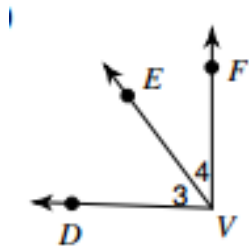
1. Rotate the figure 180 degrees



2. Reflect over the line  $y = -x$



3. Solve for n:  $4(n - 10) = 2n + 30$



3. Given the picture to the left,  $m\angle 3 = (4x + 10)$  and  $m\angle 4 = (x + 15)$

- What is the relationship between angles 3 and 4?
- Set up an equation based on the relationship in the picture.
- Solve the equation to find the value of x.
- Evaluate the expression for angle 3 with the solution from part c to find the measure of angle 3 in degrees.

4. Challenge: Find the value of x.

