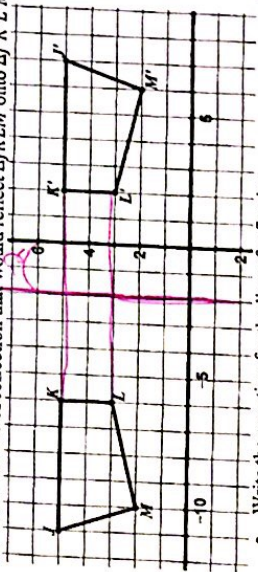


Directions: For #2-4, draw the line of reflection that would reflect one figure onto the other. Then, write the equation for the line of reflection and the coordinate rule that describes the reflection.

2. Draw the line of reflection that would reflect  $\Delta JKL$  onto  $\Delta J'K'L'$ .



a. Write the equation for the line of reflection.

$x = -2$

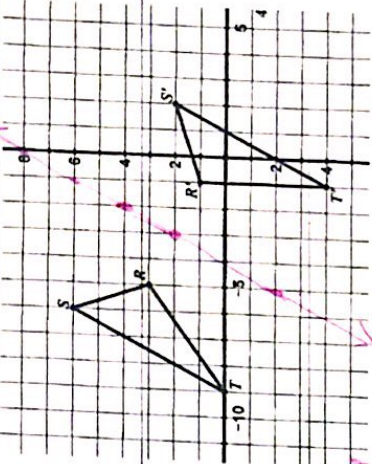
b. Write a coordinate rule for the reflection.

$(x, y) \rightarrow (-x - 4, y)$

L.O.R. is halfway

base vertical for reflection  
 ↓ double L.O.R. distance from axis  
 $(-x - 4, y)$

4. Draw the line of reflection that would reflect  $\Delta RST$  onto  $\Delta R'S'T'$ .

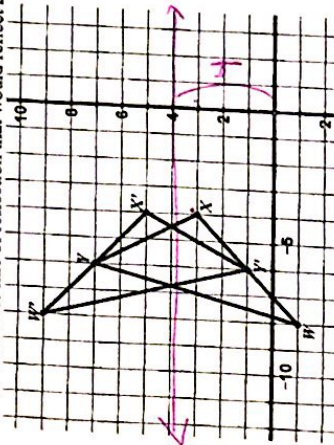


a. Write the equation for the line of reflection.

$y = 2x + 8$

remember: slope y-int

3. Draw the line of reflection that would reflect  $\Delta WXY$  onto  $\Delta W'X'Y'$ .



a. Write the equation for the line of reflection.

$y = 4$

b. Write a coordinate rule for the reflection.

$(x, y) \rightarrow (x, -y + 8)$