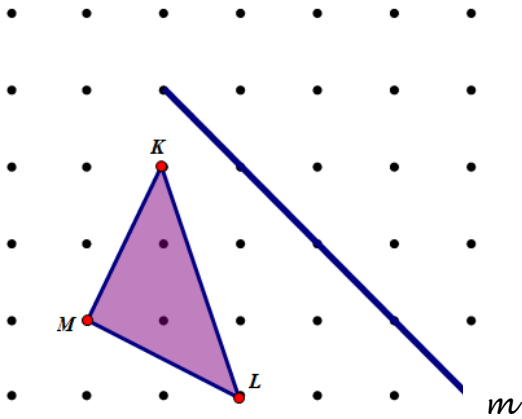
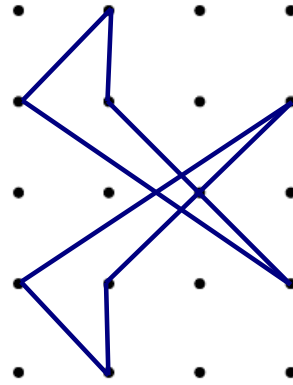


1. Reflect $\triangle KML$ across line m .

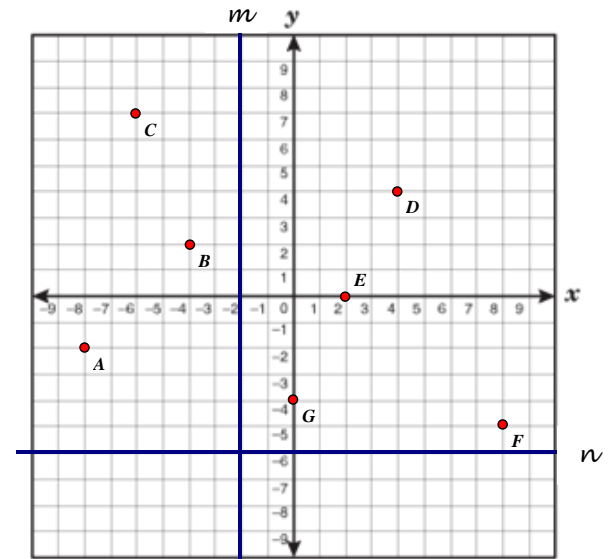


2. Draw in the line of reflection for the preimage/image pair.



3. Determine the pre-image coordinates of each point. Next, reflect the point over the given line and determine the image coordinates. Be sure to label the image points appropriately.

Preimage	Transformation	Image
a) $A = (\underline{\quad}, \underline{\quad})$	$R_{x\text{-axis}}$	$A' = (\underline{\quad}, \underline{\quad})$
b) $B = (\underline{\quad}, \underline{\quad})$	$R_{y\text{-axis}}$	$B' = (\underline{\quad}, \underline{\quad})$
c) $C = (\underline{\quad}, \underline{\quad})$	R_m	$C' = (\underline{\quad}, \underline{\quad})$



d) Connect G and F to create \overline{GF} . Reflect the segment over line n .

e) Connect D and E to create \overline{DE} . Reflect the segment over the x-axis.

4. Reflect the following preimages using the drawing/construction method. Write the reflection in appropriate notation in the box as well.

a)

Notation:

b)

Notation: