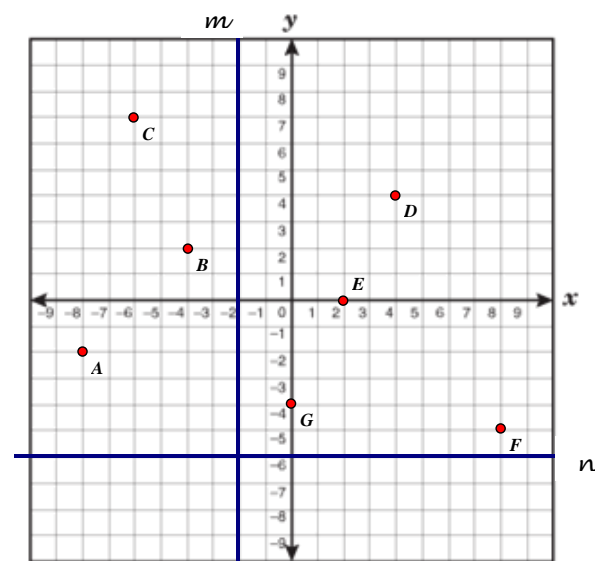1. Reflect ΔKML across line m.

2. Draw in the line of reflection for the preimage/image pair.
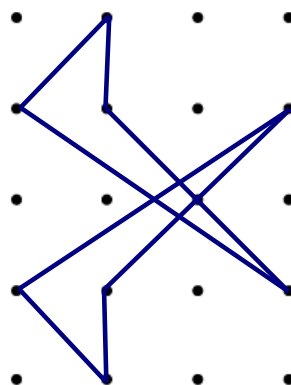
3. Determine the pre-image coordinates of each point. Next, reflect the point over the given line and determine the image coordinates. Be sure to label the image points appropriately.

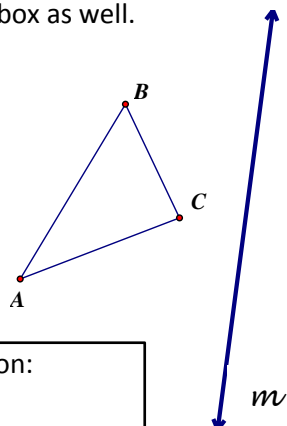| Preimage	Transformation	Image
a) A = (_____ , _____)	$R_{x\text{-axis}}$	A ' = (_____ , _____)
b) B = (_____ , _____)	$R_{y\text{-axis}}$	B ' = (_____ , _____)
c) C = (_____ , _____)	R_m	C ' = (_____ , _____)

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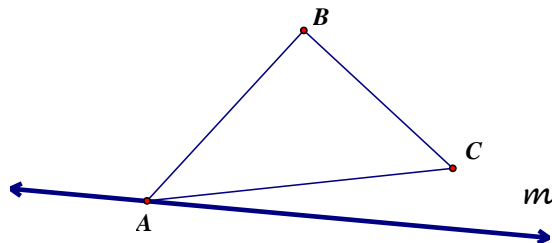
4. Reflect the following preimages using the drawing/construction method. Write the reflection in appropriate notation in the box as well.

a)

Notation:

b)

Notation: