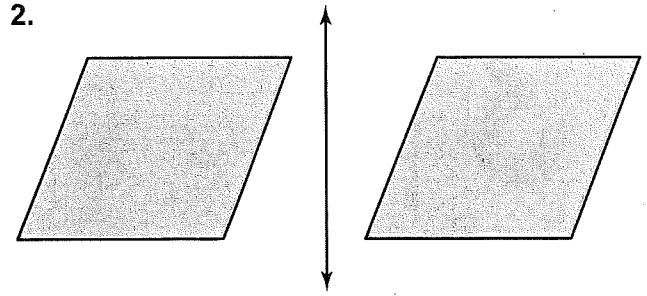
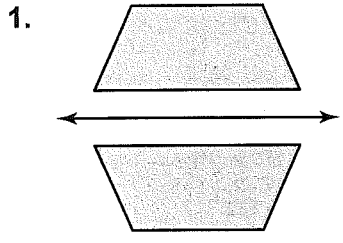


# 2.3

## Practice A

Tell whether one figure is a reflection of the other figure.



Draw the figure and its reflection in the  $x$ -axis. Identify the coordinates of the image.

3.  $E(0, 2), F(3, 1), G(4, 3)$

4.  $H(-3, 2), I(-1, 5), J(2, 1)$

Draw the figure and its reflection in the  $y$ -axis. Identify the coordinates of the image.

5.  $X(0, -1), Y(2, 3), Z(4, -2)$

6.  $U(-5, 1), V(-4, -2), W(-2, 0)$

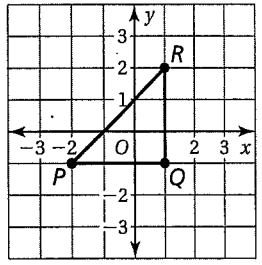
7. What does the word MOM spell when it is reflected in a horizontal line?

The coordinates of a point and its image are given. Is the reflection in the  $x$ -axis or  $y$ -axis?

8.  $(-5, 2) \rightarrow (5, 2)$

9.  $(4, 3) \rightarrow (4, -3)$

10. Translate the triangle 2 units left and 1 unit up. Then reflect the image in the  $x$ -axis. Graph the resulting triangle.



11. A figure is in Quadrant IV. The figure is reflected in the  $y$ -axis. In which quadrant is the image?