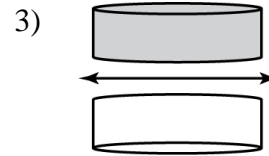
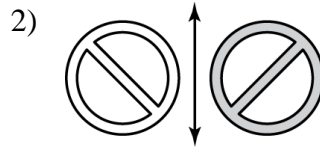
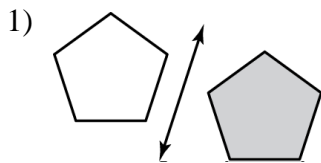


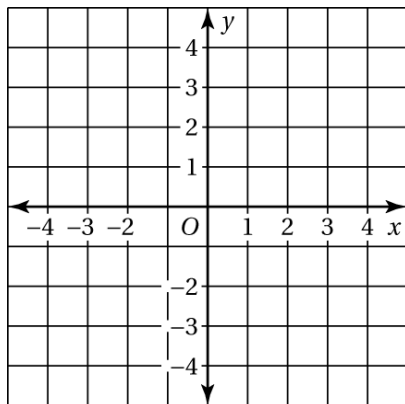
2.3 – Reflections

Tell whether the right figure is a reflection of the non-shaded figure. Explain.

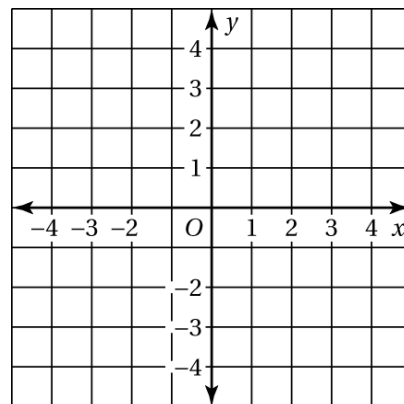


Draw the figure and its reflection in the x -axis. Identify the coordinates of the image.

4) $A(1, 2), B(3, 2), C(1, 4)$

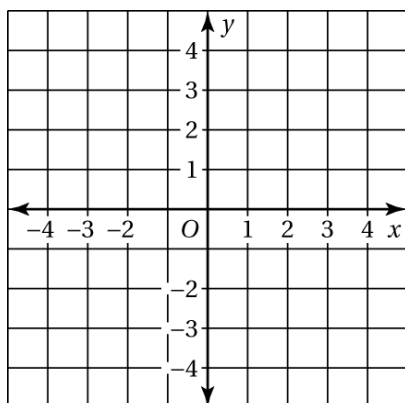


5) $W(3, 1), X(3, 4), Y(1, 4), Z(1, 1)$

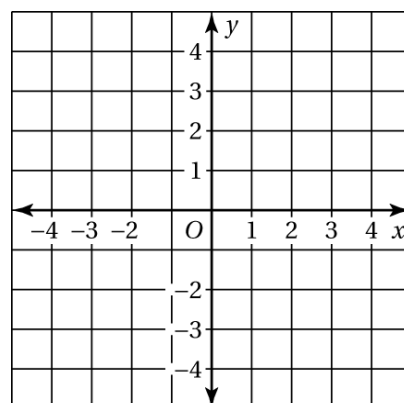


Draw the figure and its reflection in the y -axis. Identify the coordinates of the image.

6) $J(3, 4), K(3, 0), L(2, 4)$

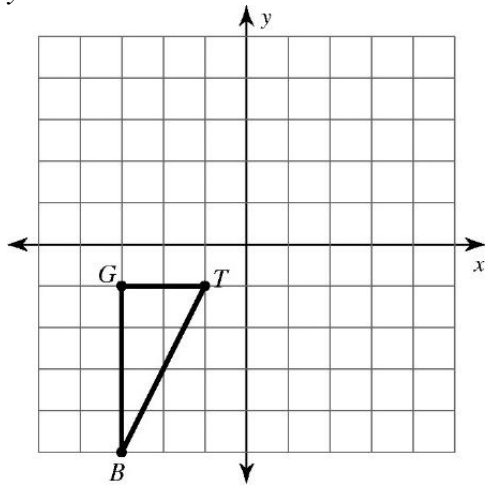


7) $W(3, 1), X(3, 4), Y(1, 4), Z(1, 1)$

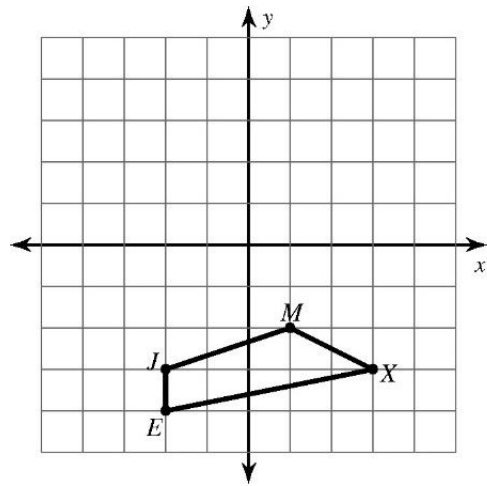


Reflection the figure over the given line.

8) y -axis



9) x -axis



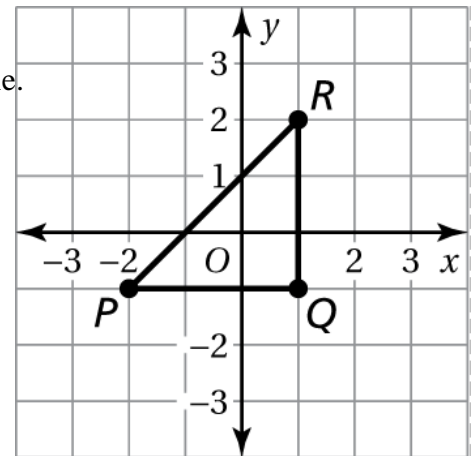
The coordinates of a point and its image are given. Is the reflection in the x -axis or y -axis?

10) $(-5, 2) \rightarrow (5, 2)$

11) $(4, 3) \rightarrow (4, -3)$

12) Translate the triangle 2 units left and 2 unit up.

Then reflect that image in the x -axis. Graph the resulting triangle.



13) What does the word MOM spell when it is reflected in a horizontal line?

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