Practice 8-2

Reflections and Symmetry
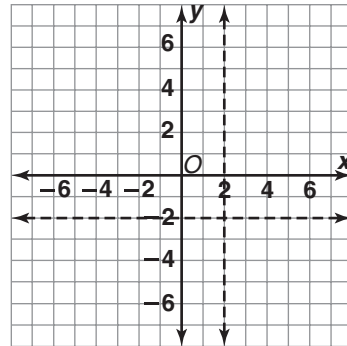
How many lines of symmetry can you find for each letter?

1. W _____   **2.** X _____   **3.** H _____

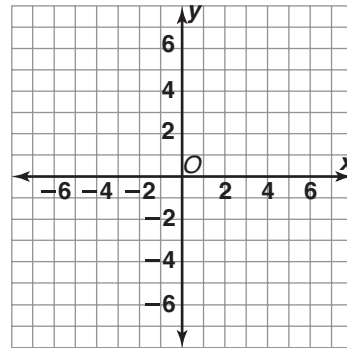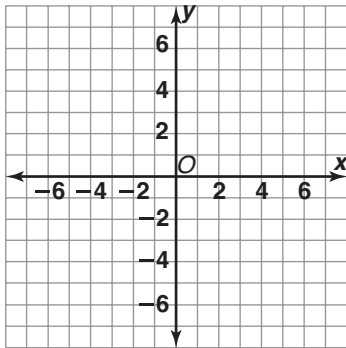**Graph the given point and its image after each reflection.**
Name the coordinates of the reflected point.

4. $A(5, -4)$ over the
vertical dashed line

5. $B(-3, 2)$ over the
horizontal dashed line

_____   _____

$\triangle ABC$ **has vertices** $A(2, 1)$, $B(3, -5)$, **and** $C(-2, 4)$. **Graph** $\triangle ABC$ **and its image,**
$\triangle A'B'C'$, **after a reflection over each line. Name the coordinates of** A', B', **and** C'.

6. the x-axis

7. the y-axis

_____   _____

_____   _____

Fold your paper over each dashed line. Are the figures reflections of
each other over the given line?

8.

9.

_____   _____