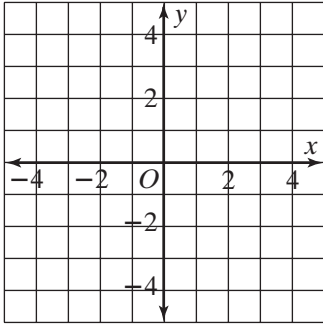


Practice 9-9

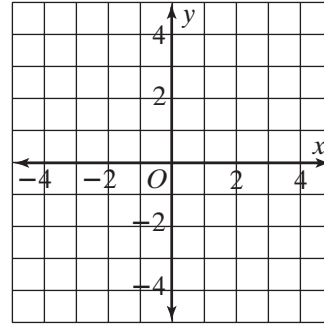
Symmetry and Reflections

The vertices of a polygon are listed. Graph each polygon and its image after a reflection over the given line. Name the coordinates of the image.

1. $A(1, 3), B(4, 1), C(3, -2), D(2, -4); x = 0$



2. $J(-2, 1), K(1, 3), L(4, 2); y = -1$



A' _____ B' _____

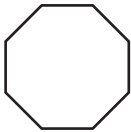
J' _____ K' _____

C' _____ D' _____

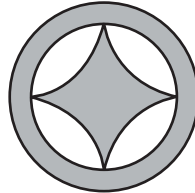
L' _____

Draw all the lines of symmetry for each figure.

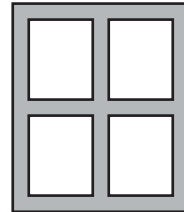
3.



4.

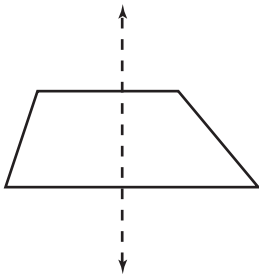


5.

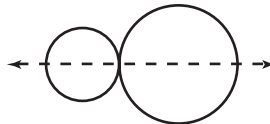


Is the dashed line a line of symmetry? Write yes or no.

6. _____



7. _____



8. _____

