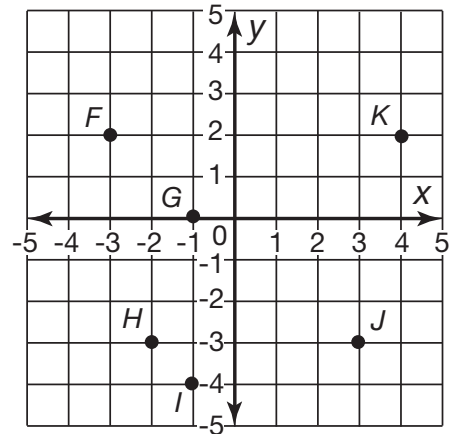# Graphing Points on a Coordinate Plane

Write the ordered pair for each point.

1. *F* _____

2. *G* _____

3. *H* _____

4. *I* _____

5. *J* _____

6. *K* _____

For **7** through **9**, graph the ordered pairs. Connect the points in order and describe the figure you drew.

7. (1,0), (5,0), (5, 4), (1,4)

_____

8. (0, 0), (2, −4), (−2, −4)   **9.** (−4, −2), (−2, −2), (−2, 5), (−4, 5)

_____   _____

10. **Writing to Explain** A point is located in Quadrant IV. What do you know about the signs of the coordinates for the point? Explain.
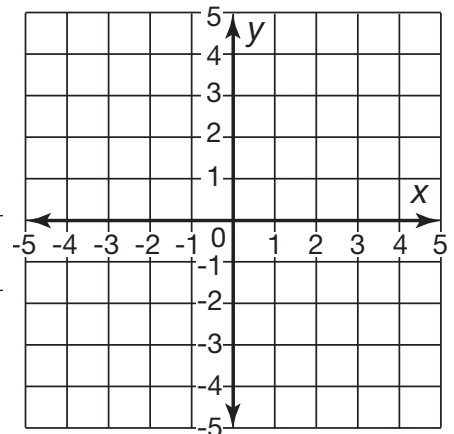
_____

_____

_____

11. **Critical Thinking** Draw three lines that are parallel to the *x*-axis. Read the ordered pairs for points on each line. What generalization can you make about the ordered pairs for lines parallel to the *x*-axis?

_____

_____

12. **Geometry** Which set of ordered pairs can be connected in order to form a right triangle?

   A (−1, 3), (−1, −1), (2, −1)

   B (−4, 0), (0, 1), (1, −2)

   C (2, 2), (2, −2), (−2, −2), (−2, 2)

   D (0, 5), (−3, 3), (3, −3)

Practice **10-9**