

# 6.5

## Practice

For use after Lesson 6.5

Plot the ordered pair in the coordinate plane. Describe the location of the point.

1.  $A(8, 4)$

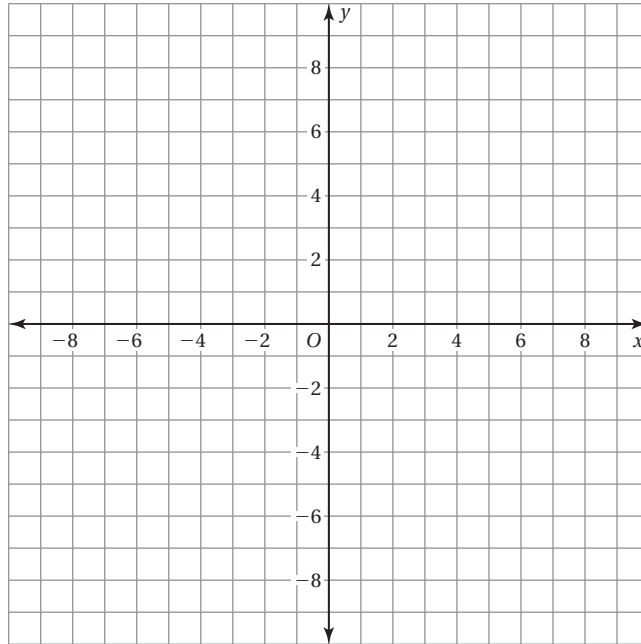
2.  $B(-3, 5)$

3.  $C(-2, -2)$

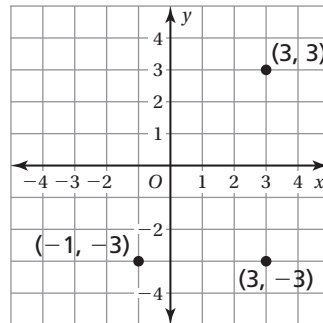
4.  $D(4, -7)$

5.  $E(-6, -5)$

6.  $F(-9, 7)$



7. The coordinates of three vertices of a rectangle are shown in the figure. What are the coordinates of the fourth vertex?



8. Your house is located at  $(-4, 3)$ , which is 4 blocks west and 3 blocks north of the center of town. To get from your house to the mall, you walk 7 blocks east and 4 blocks south.

- a. What ordered pair corresponds to the location of the mall?
- b. Is your house or the mall closer to the center of town? Explain.