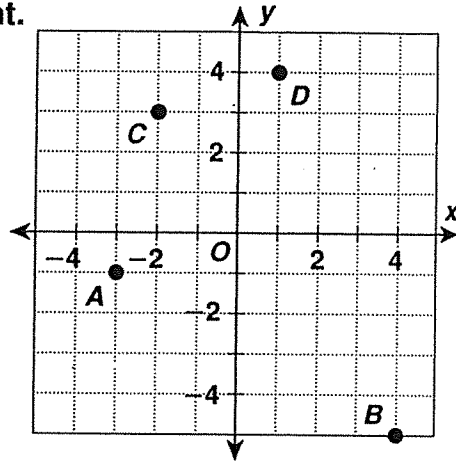


**LESSON** **Practice B**  
**7-1** *The Coordinate Plane*

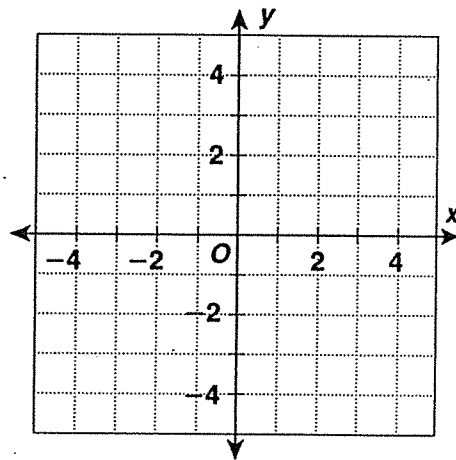
Identify the quadrant that contains each point.

1. A \_\_\_\_\_
2. B \_\_\_\_\_
3. C \_\_\_\_\_
4. D \_\_\_\_\_



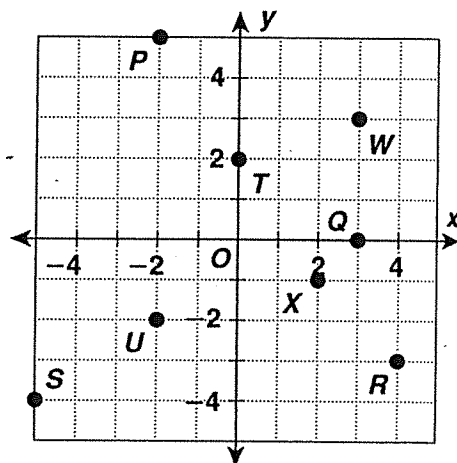
Plot each point on a coordinate plane.

5.  $(-4, 0)$
6.  $(3, -3)$
7.  $(1, 4)$
8.  $(-5, -1)$
9.  $(-2, 2)$
10.  $(-1, -4)$



Give the coordinates of each point.

11. P \_\_\_\_\_
12. Q \_\_\_\_\_
13. R \_\_\_\_\_
14. S \_\_\_\_\_
15. T \_\_\_\_\_
16. U \_\_\_\_\_
17. W \_\_\_\_\_
18. X \_\_\_\_\_



**LESSON**

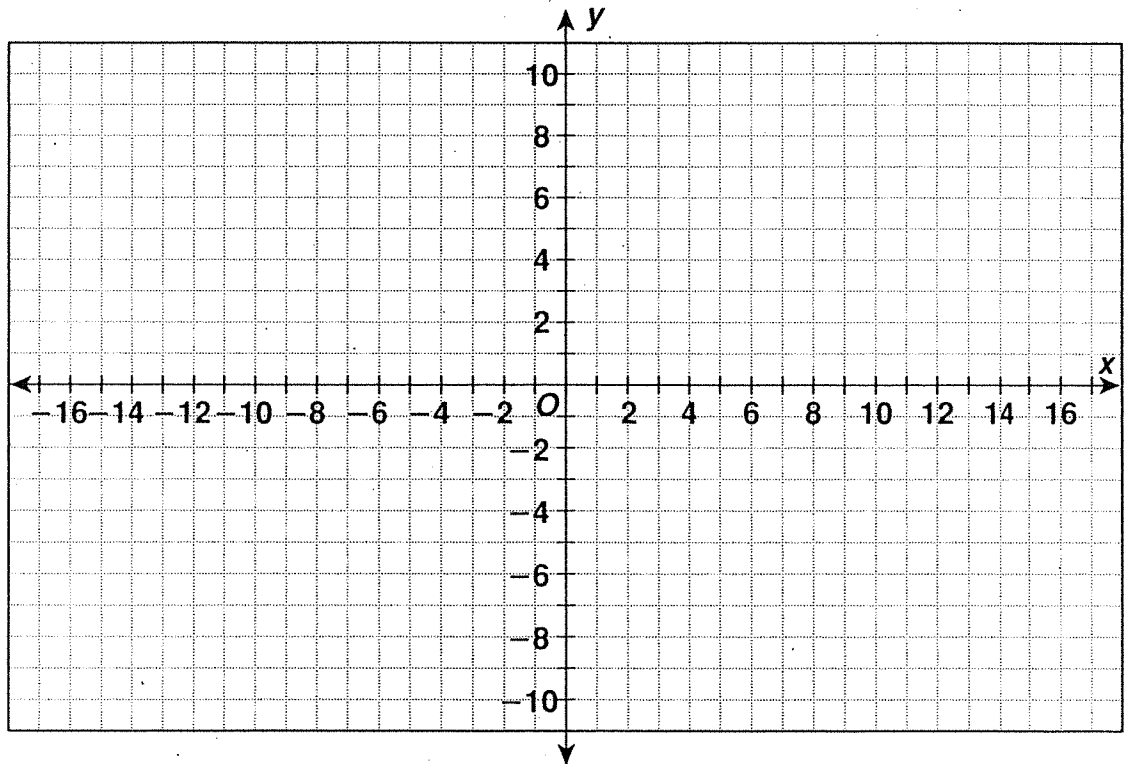
**7-1**

**Challenge**

*Where in the World?*

Graph each point on the grid below. Connect each point to the previous one as you graph it. Then connect the last point to the first point.

- |                 |                |                 |                  |
|-----------------|----------------|-----------------|------------------|
| 1. $(0, -10)$   | 2. $(-1, -9)$  | 3. $(-2.5, -7)$ | 4. $(-5, -7)$    |
| 5. $(-6, -5)$   | 6. $(-10, -5)$ | 7. $(-13, -3)$  | 8. $(-15, -1)$   |
| 9. $(-16, 2)$   | 10. $(-15, 8)$ | 11. $(-15, 10)$ | 12. $(-3, 9)$    |
| 13. $(4, 8)$    | 14. $(4, 7)$   | 15. $(6, 8)$    | 16. $(6, 4)$     |
| 17. $(8, 6)$    | 18. $(9, 6)$   | 19. $(9, 3)$    | 20. $(11, 5)$    |
| 21. $(16, 10)$  | 22. $(18, 8)$  | 23. $(16, 6)$   | 24. $(18, 4)$    |
| 25. $(14, 1)$   | 26. $(14, -1)$ | 27. $(11, -5)$  | 28. $(12.5, -8)$ |
| 29. $(13, -10)$ | 30. $(11, -9)$ | 31. $(9, -6)$   | 32. $(2.5, -7)$  |



33. In which state is the point  $(0, -8)$ ? \_\_\_\_\_
34. Name a point in the state of Florida. \_\_\_\_\_

## Lesson 16 Subtraction

To subtract, rename 6 as  $5\frac{4}{4}$ .

$$\begin{array}{r}
 6 \\
 -1\frac{3}{4} \\
 \hline
 \end{array}
 \rightarrow
 \begin{array}{r}
 5\frac{4}{4} \\
 -1\frac{3}{4} \\
 \hline
 4\frac{1}{4}
 \end{array}$$

$$\begin{aligned}
 6 &= 5 + 1 \\
 &= 5 + \frac{4}{4} \\
 &= 5\frac{4}{4}
 \end{aligned}$$

To subtract, rename  $4\frac{5}{15}$  as  $3\frac{20}{15}$ .

$$\begin{array}{r}
 4\frac{1}{3} \\
 -1\frac{3}{5} \\
 \hline
 \end{array}
 \rightarrow
 \begin{array}{r}
 4\frac{5}{15} \\
 -1\frac{9}{15} \\
 \hline
 \end{array}
 \rightarrow
 \begin{array}{r}
 3\frac{20}{15} \\
 -1\frac{9}{15} \\
 \hline
 2\frac{11}{15}
 \end{array}$$

$$\begin{aligned}
 4\frac{5}{15} &= 3 + 1 + \frac{5}{15} \\
 &= 3 + \frac{15}{15} + \frac{5}{15} \\
 &= 3\frac{20}{15}
 \end{aligned}$$

Write each answer in simplest form.

<i>a</i>	<i>b</i>	<i>c</i>	<i>d</i>
1. $7$ $-\frac{7}{8}$ <hr/>	$9$ $-\frac{3}{10}$ <hr/>	$6$ $-3\frac{1}{2}$ <hr/>	$4\frac{2}{7}$ $-2\frac{6}{7}$ <hr/>

2. $4\frac{1}{4}$ $-2\frac{1}{2}$ <hr/>	$4\frac{2}{3}$ $-1\frac{4}{5}$ <hr/>	$6\frac{1}{2}$ $-1\frac{3}{8}$ <hr/>	$1\frac{1}{3}$ $-\frac{1}{2}$ <hr/>
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3. $2$ $-\frac{3}{4}$ <hr/>	$3\frac{1}{2}$ $-1\frac{2}{3}$ <hr/>	$6$ $-1\frac{5}{6}$ <hr/>	$7\frac{1}{8}$ $-4\frac{5}{6}$ <hr/>
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4. $5\frac{2}{3}$ $-\frac{5}{6}$ <hr/>	$4\frac{2}{15}$ $-3\frac{7}{10}$ <hr/>	$7\frac{5}{9}$ $-4\frac{7}{12}$ <hr/>	$8\frac{3}{4}$ $-3\frac{4}{5}$ <hr/>
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Perfect score: 16      My score: \_\_\_\_\_