

Name: _____



PRACTICE



TUTORIAL

Practice & Problem Solving



Scan for
Multimedia



In 13–20, graph and label each point.

13. $A(1, -1)$

14. $B(4, 3)$

15. $C(-4, 3)$

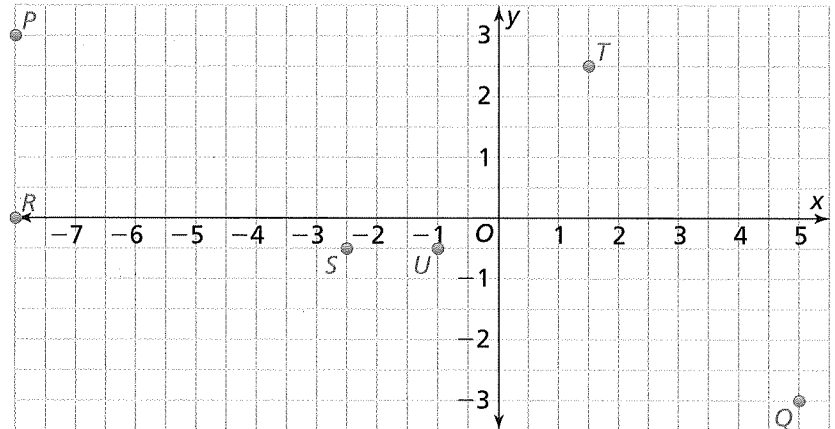
16. $D(5, -2)$

17. $E(-2.5, 1.5)$

18. $F(2, 1.5)$

19. $G(-2, -1\frac{1}{2})$

20. $H(1\frac{1}{2}, -1)$



In 21–26, write the ordered pair for each point.

21. P

22. Q

23. R

24. S

25. T

26. U

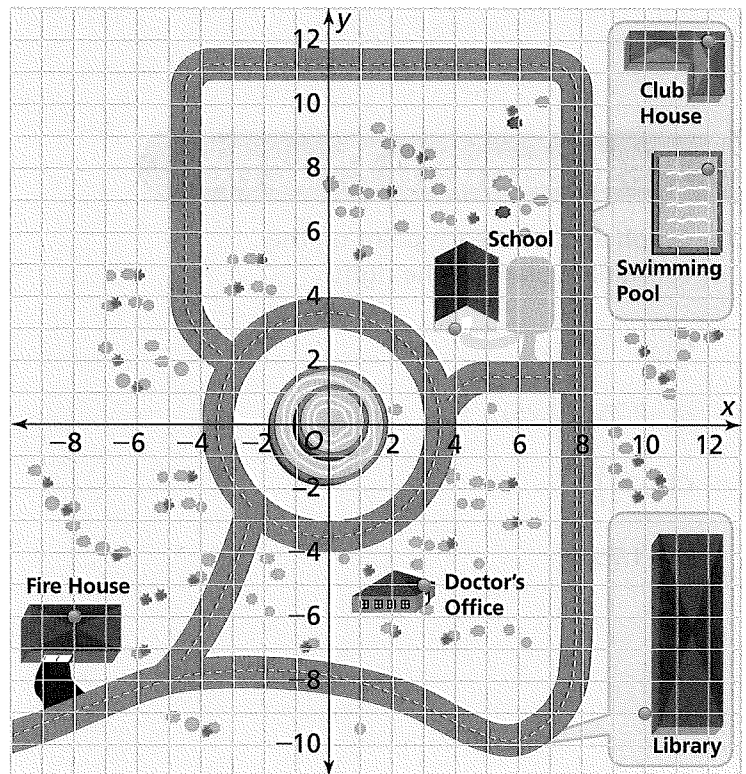
In 27–30, use the map at the right.

27. Which building is located in Quadrant III?

28. Which two places have the same x-coordinate?

29. **Use Structure** The city council wants the location of the entrance to a new city park to be determined by the reflection of the school entrance across the y -axis. What are the coordinates of the entrance to the new city park on this map?

30. **Higher Order Thinking** You are at the market square $(0, 0)$ and want to get to the doctor's office. Following the grid lines, what is the shortest route?



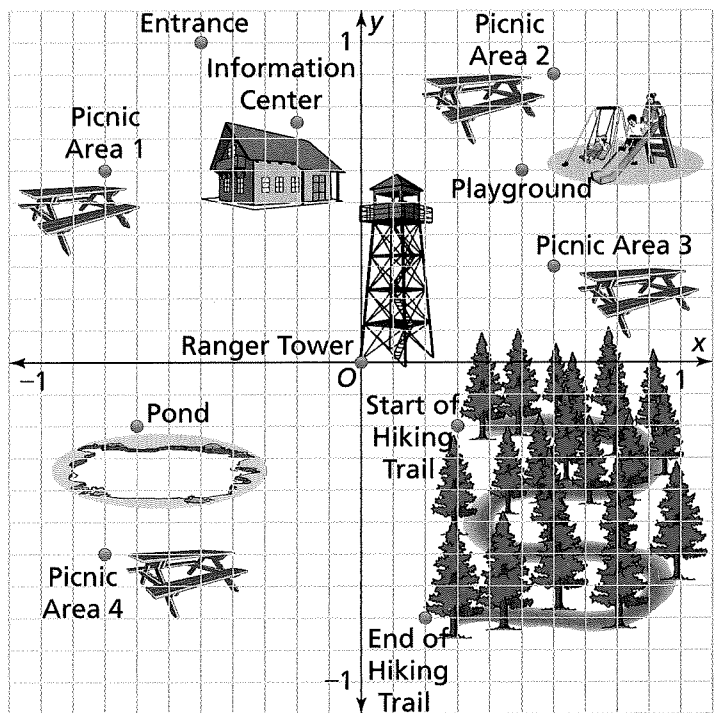
In 31–36, use the coordinate plane at the right.

31. What is located at $(-0.7, -0.2)$?

32. What is located at $(\frac{3}{10}, -\frac{1}{5})$?

33. **Be Precise** Write the ordered pair to locate the end of hiking trail in two different ways.

34. What are the coordinates of the information center? Explain.



35. What are the coordinates of the point that is a reflection across the x -axis of the pond?

36. **Use Structure** Which picnic areas are located at points that are reflections of each other across one of the axes of the coordinate plane?

Assessment Practice

37. Graph and label each point on the coordinate plane at the right.

$A(\frac{3}{4}, -1\frac{1}{2})$

$B(-2.75, -2.25)$

$C(0, 2\frac{1}{4})$

$D(-1.75, 2)$

