



Additional Practice 14-1

The Coordinate System

Another Look!

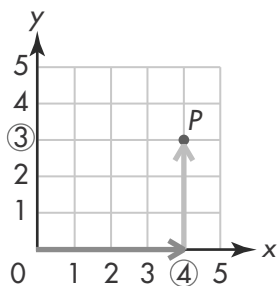
Point P gives the location of the playground. Find the coordinates of Point P .



Start at $(0, 0)$. Move a distance of 4 units to the right along the x -axis.

Move a distance of 3 units up.

The coordinates of Point P are $(4, 3)$.



In **1–6**, write the ordered pair for each point on the grid.

1. A

2. B

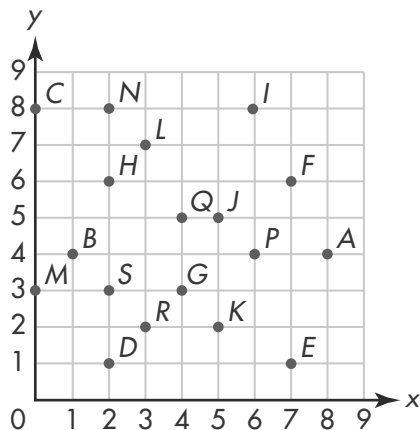
3. C

4. D

5. E

6. F

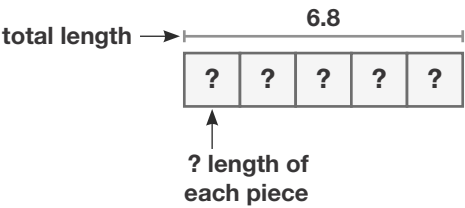
In **7–18**, name the point that is located at each ordered pair.

7. $(4, 3)$ Point _____8. $(3, 7)$ Point _____9. $(0, 3)$ Point _____10. $(5, 2)$ Point _____11. $(6, 8)$ Point _____12. $(6, 4)$ Point _____13. $(4, 5)$ Point _____14. $(2, 8)$ Point _____15. $(5, 5)$ Point _____16. $(2, 6)$ Point _____17. $(2, 3)$ Point _____18. $(3, 2)$ Point _____

19. Describe to a friend how to graph a point at (2, 5).

20. **Reasoning** How are the locations on a coordinate grid different for the ordered pairs (7, 0) and (0, 7)?

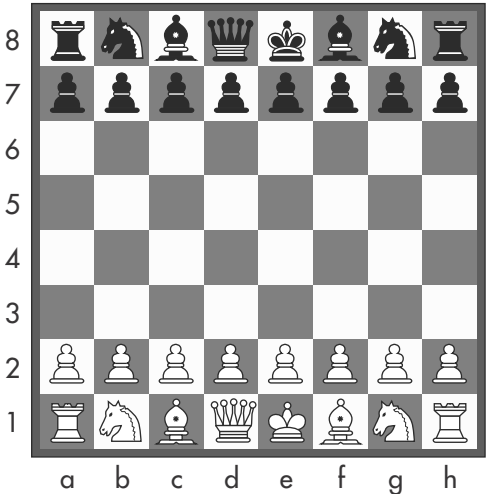
21. Steven cut a wire into 5 equal pieces. He started with a wire that was 6.8 meters long. How many meters long was each piece that Steven cut? Use the bar diagram to help you.



In 22 and 23, use the chessboard.

22. **Higher Order Thinking** A chessboard is similar to a coordinate grid. The pieces that look like horses are knights. What letter-number combinations name the locations of the white knights?

23. Andre moves the pawn located at (e, 7) down 2 units. What letter-number combination names the pawn's new location? Explain.



Assessment Practice

24. Point D is 2 units away from the origin along the x-axis and 4 units away along the y-axis.

What could be the coordinates of Point D?

- Ⓐ (4, 2)
- Ⓑ (2, 2)
- Ⓒ (2, 4)
- Ⓓ (6, 0)