Lesson 6 Homework Practice

Ordered Pairs and Relations
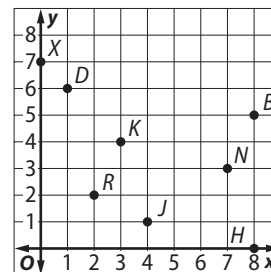
Graph each ordered pair on the coordinate plane.

1. $Q(4, 2)$ **2.** $V(3, 7)$

3. $T(0, 3)$ **4.** $B(8, 6)$

5. $R(5, 0)$ **6.** $L(4, 4)$
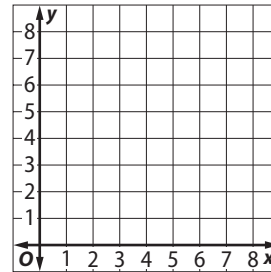
Write the ordered pair that names each point.

7. J **8.** X

9. R **10.** B

11. K **12.** H

13. D **14.** N

Express each relation as a table and as a graph. Then determine the domain and range.

15. $\{(3, 5), (1, 3), (5, 1), (2, 4)\}$ **16.** $\{(0, 2), (4, 6), (3, 7)\}$

x	y
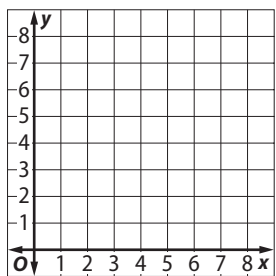
x	y
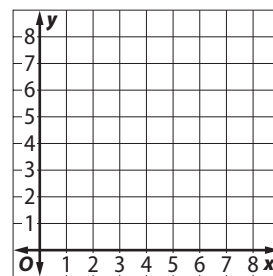
17. Graph (2, 1), (2, 4), and (5, 1) on the coordinate system.

  a. Connect the points with line segments. What figure is formed?

  b. Multiply each number in the set of ordered pairs by 2. Graph and connect the new ordered pairs. What figure is formed?

  c. Compare the two figures you drew. Write a sentence that tells how the figures are the same and how they are different.