

Lesson 2.8 ~ The Slope Formula

Name _____ Period _____ Date _____

Determine the slope of the line that passes through each pair of points. Write in simplest form.

1. (3, 8) and (1, 5)

2. (2, 8) and (1, 7)

3. (5, 0) and (4, 7)

4. (-1, 4) and (-3, 8)

5. (2, -1) and (5, 4)

6. (-2, 7) and (-2, -2)

7. (6, -3) and (-3, 9)

8. (3.5, 6) and (0.5, 0)

9. (5, 1) and (-2, 1)

10. (-5, -1) and (-3, -3)

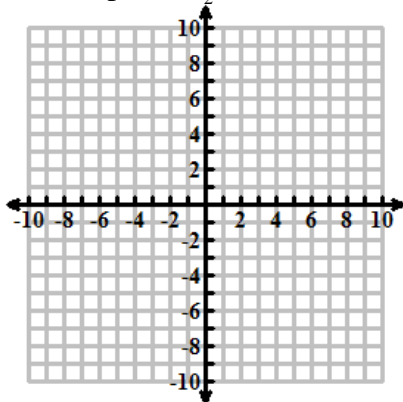
11. (1, -4) and (3, 1)

12. (-1, 0) and (0, -4)

Given the y-intercept and slope of a line, sketch the line. Name three ordered pairs that are on the line. Write the slope-intercept equation for the line.

13. y-intercept = 3

Slope = $-\frac{1}{2}$

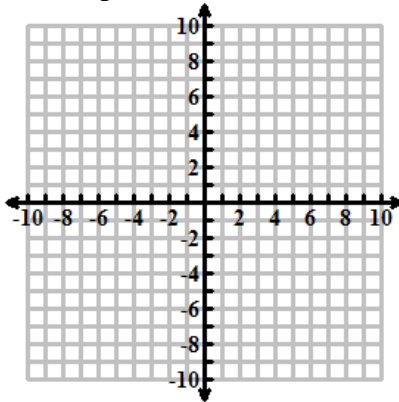


Ordered Pairs:

Equation:

14. y-intercept = -5

Slope = 3

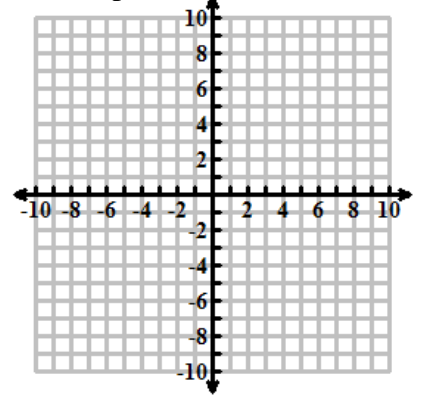


Ordered Pairs:

Equation:

15. y-intercept = 1

Slope = 0



Ordered Pairs:

Equation:
