

Name: _____
 Date: _____ Hour: _____

Lesson 1-5 Review Worksheet

Read and follow directions. Show ALL work and steps. Circle/Highlight your answers.

Find the slope.

- 1) (4,1) and (-7,1) 2) (14, 3) and (14, -7) 3) (-1, 5) and (-6, -5) 4) (-4, -8) and (4, 8)

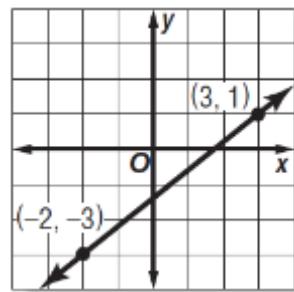
5)

x	y
1	4
3	-2
5	-8

6)

x	y
10	50
20	100
30	150

7)



Write each equation in slope-intercept form. Then identify the slope, the y-intercept, and sketch the graph.

8) $y = 5x - 3$

9) $y + 4x = 1$

10) $2x + y = 0$

Slope: _____

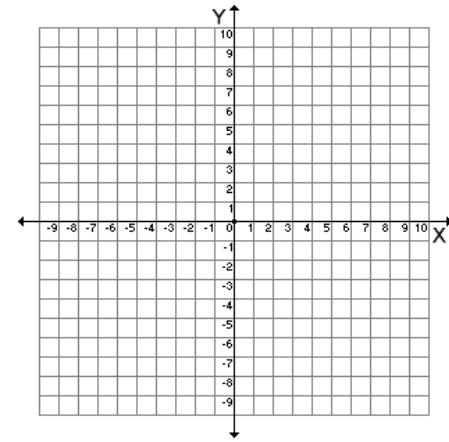
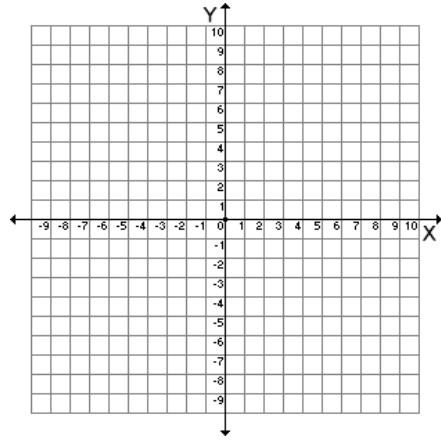
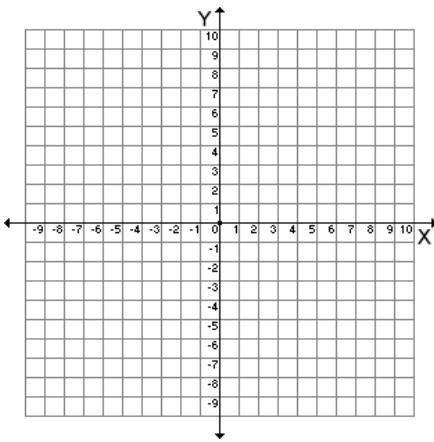
Slope: _____

Slope: _____

y -int: _____

y -int: _____

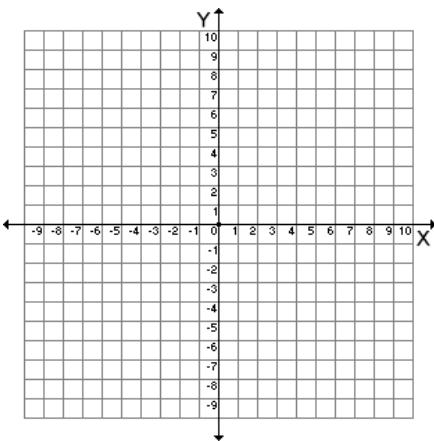
y -int: _____



11) $2x + 5y = 10$

Slope: _____

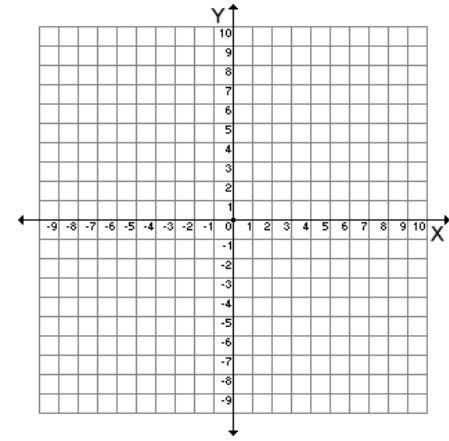
y -int: _____



12) $-x + y = -8$

Slope: _____

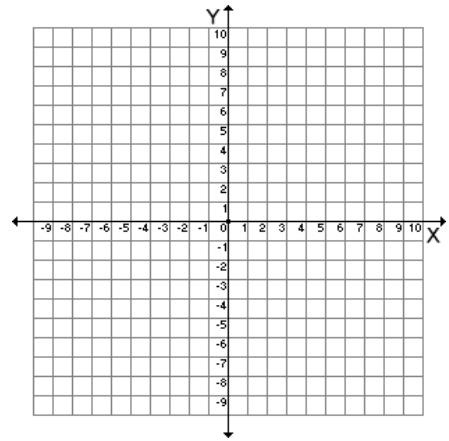
y -int: _____



13) $x = 3$

Slope: _____

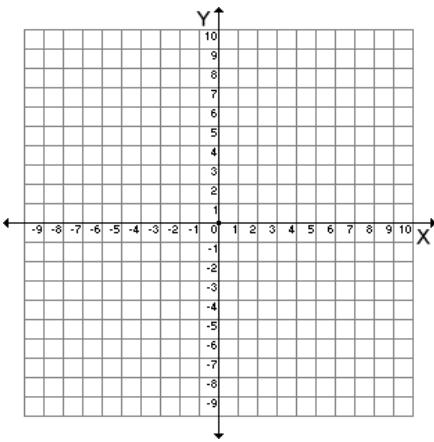
x -int: _____



14) $y + 4 = 0$

Slope: _____

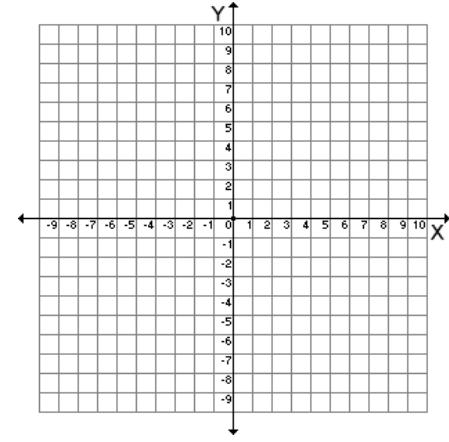
y -int: _____



15) $y + 4 = 2(x - 3)$

Slope: _____

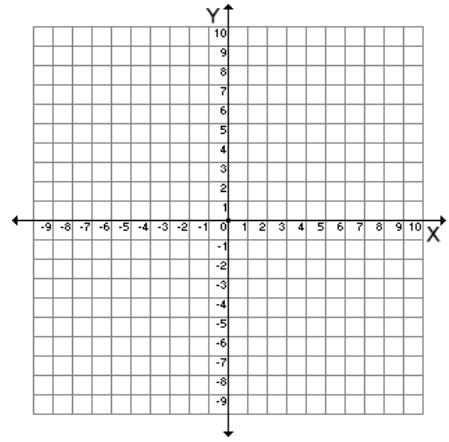
y -int: _____



16) $y - 3 = -\frac{1}{2}(x + 4)$

Slope: _____

y -int: _____



Given the information, write an equation in slope-intercept form.

$$17) (-1, -6) \ m = 4$$

$$18) (1, -4) \ m = 0$$

$$19) (-2, 3) \ m = \frac{3}{2}$$

$$20) (-2, 4) (1, 2)$$

$$21) (-2, -3) (4, 5)$$

$$22) x - \text{int: } -4 \quad y - \text{int: } -3$$