

## Q3 - Homework #4 - Worksheet 5-4

Look

Date \_\_\_\_\_ Period \_\_\_\_\_

**Write the slope-intercept form of the equation of the line through the given points.**

1) through:  $(-4, 3)$  and  $(4, -2)$

2) through:  $(0, -5)$  and  $(5, -1)$

3) through:  $(2, -3)$  and  $(0, -1)$

4) through:  $(0, -4)$  and  $(-3, 2)$

5) through:  $(-3, 1)$  and  $(-5, 5)$

6) through:  $(3, -2)$  and  $(-3, 5)$

7) through:  $(0, -2)$  and  $(-3, 5)$

8) through:  $(-5, -1)$  and  $(-5, 1)$

9) through:  $(-4, -5)$  and  $(3, 5)$

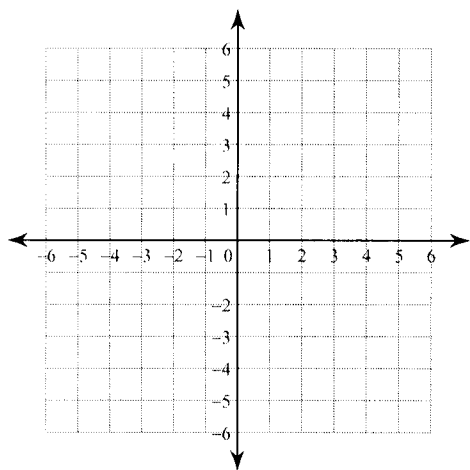
10) through:  $(3, 1)$  and  $(5, 5)$

11) through:  $(-5, 5)$  and  $(0, 5)$

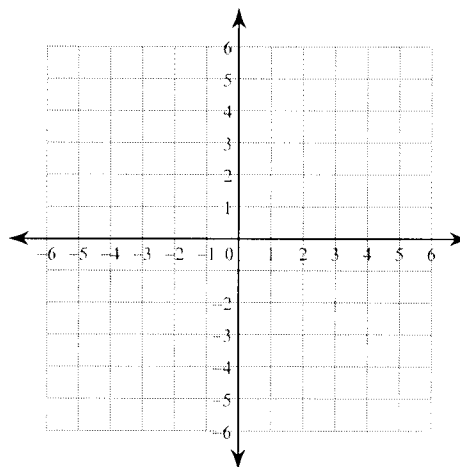
12) through:  $(3, 2)$  and  $(2, -2)$

**Graph each line (on this worksheet).**

13)  $y = -2x - 5$



14)  $y = -\frac{1}{3}x - 3$

**Review: Solve each equation.**

15)  $-7(k + 4) - 1 = -35 - 4k$

16)  $7(-7 + 8a) = 2a + 5$

**Review: Find each percent change. State if it is an increase or a decrease. Round to nearest tenth.**

17) From 79 to 73

18) From 29 to 11