

Q3 - Homework #4

Look

Name _____
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 $(3, 5)$

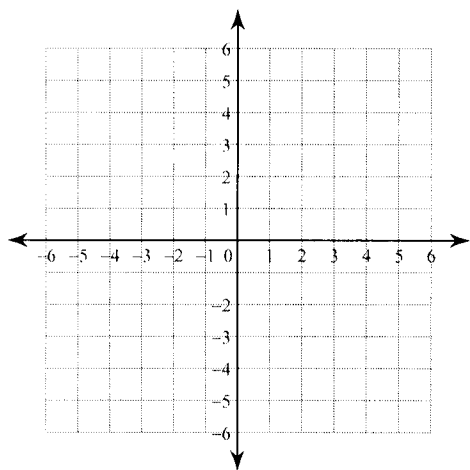
10) through: $(3, 1)$ and $(5, 5)$

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

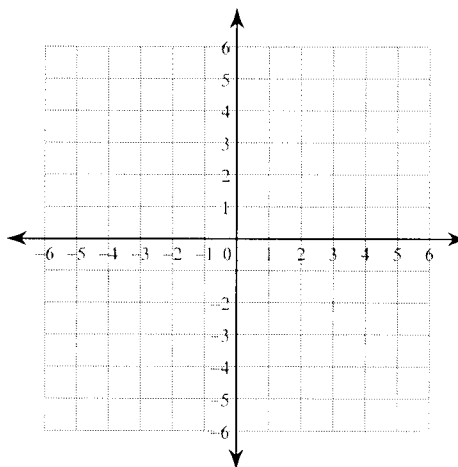
12) through: $(3, 2)$ and $(2, -2)$

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