

4.4 – 4.5 Review

Slope/Graphing Using Slope-Intercept Form

Find the slope of the line that passes through each pair of points. Make sure your answer is in simplest form!!!

Write the formula:

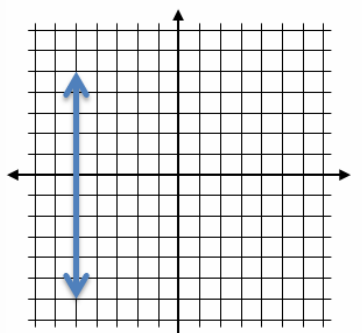
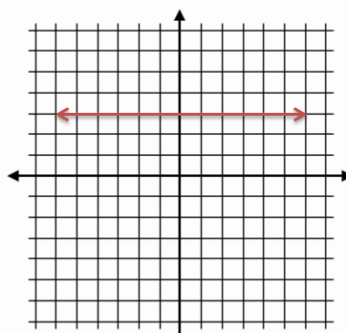
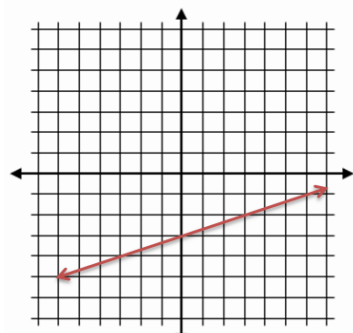
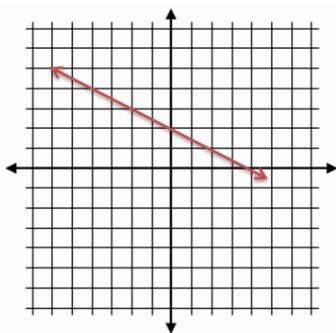
1. $(3,5)$ and $(-2,6)$

2 $(6,7)$ and $(5,7)$

3. $(-6, 2)$ and $(-6, 3)$

Find the slope of each line. Think about Slope Dude!
Draw your rise over run picture:

5.



Rewrite the equation in slope intercept-form, if necessary, then identify the slope and the y-intercept of the line.

6. $y = -4x - 6$

Slope: _____

y-intercept: _____

7. $-4x + 2y = 18$

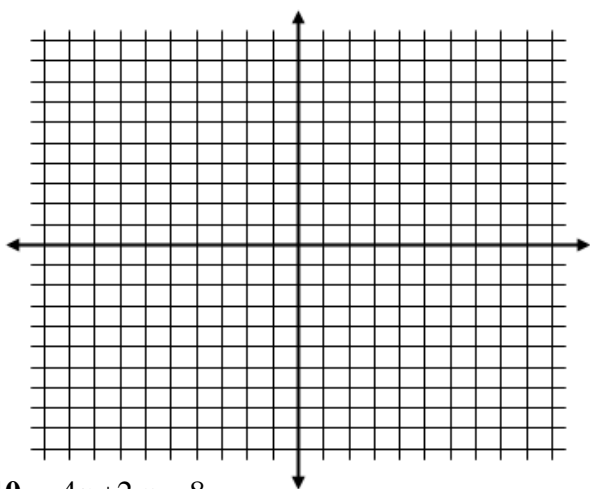
Slope: _____

y-intercept: _____

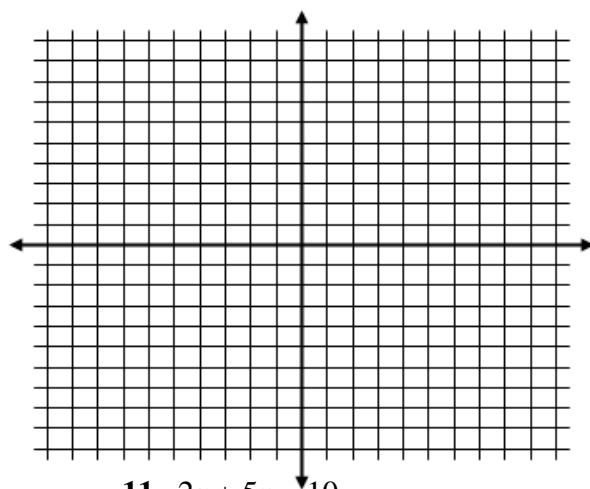
Rewrite the equation so it is in slope-intercept form, if necessary, then graph the line. Slope Dude!!

8. $y = 8x - 6$

9. $y = \frac{2}{3}x + 1$



10. $-4x + 2y = 8$



11. $2x + 5y = 10$

