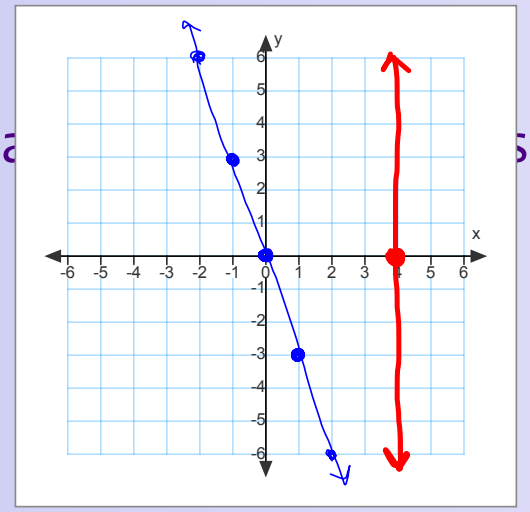
Warm up-

On one side of your white board graph these two lines:

1. $y = \frac{-3}{1}x$

2. $x = 4$



On the bla slope of each line.

1. $-\frac{3}{1}$ rise

$\frac{3}{-1}$

und

What happens when...

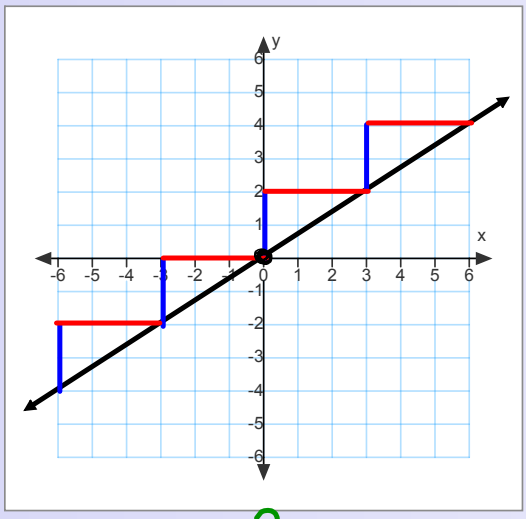
Graph this line to the best of your ability

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

Lines in the form $y = mx$ where m is a fraction already give you the rise and the run.

$$y = \frac{2}{3}x$$

$\frac{\text{rise}}{\text{run}}$

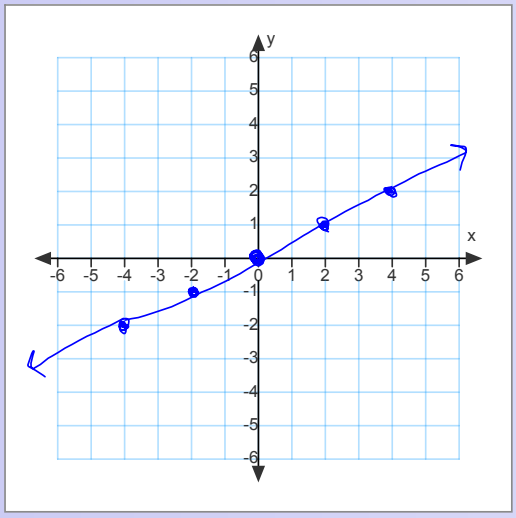


Slope: $\frac{2}{3}$

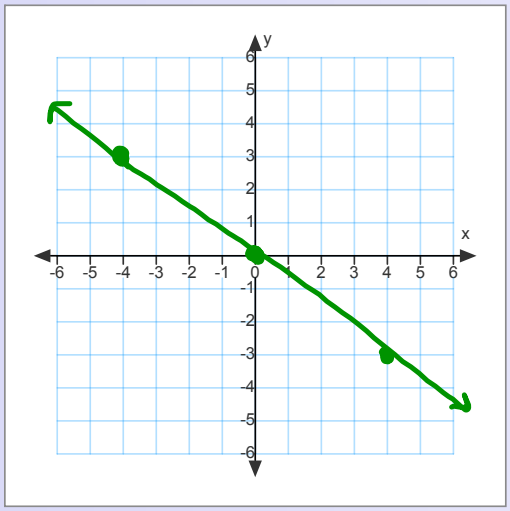
Graphing Practice

Graph the line on the graph side and write the slope on the blank side.

1. $y = \frac{1}{2}x$ slope: $\frac{1}{2}$



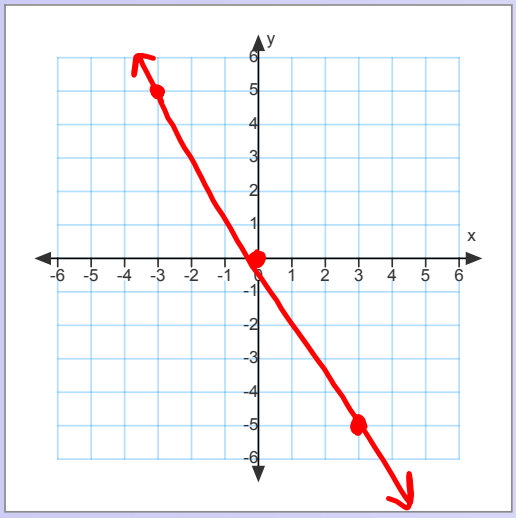
2. $y = -\frac{3}{4}x$ slope: $\frac{-3}{4}$ $\frac{3}{-4}$



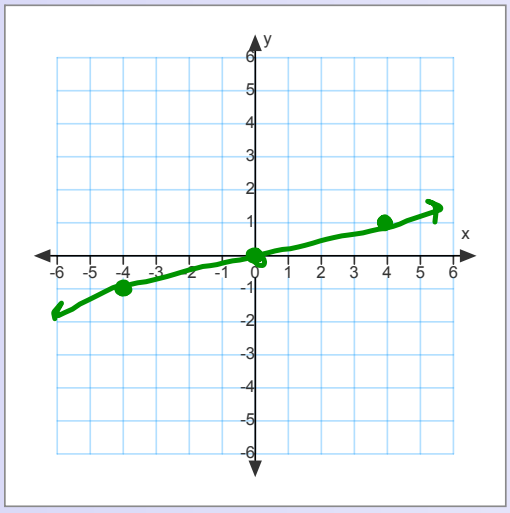
Graphing Practice

Graph the line on the graph side and write the slope on the blank side.

3. $y = -\frac{5}{3}x$ slope: $\frac{-5}{3}$ or $\frac{5}{-3}$



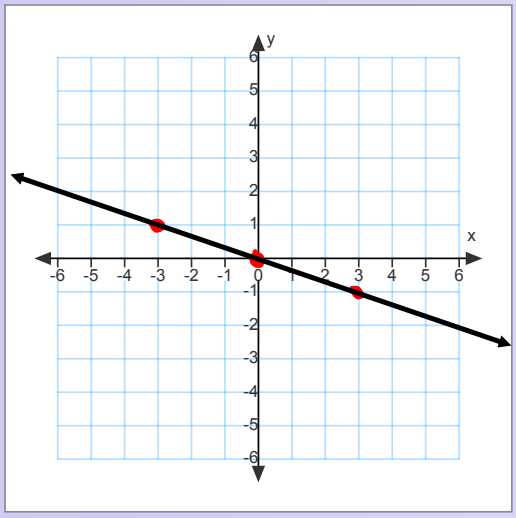
4. $y = \frac{1}{4}x$ slope: $\frac{1}{4}$



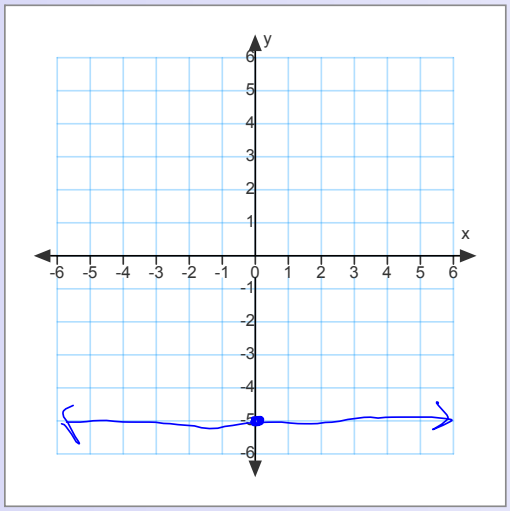
Graphing Practice

Graph the line on the graph side and write the slope on the blank side.

5. $y = -\frac{1}{3}x$ slope: $-\frac{1}{3}$



6. $y = -5$ slope: 0



Homework/Classwork

Complete pg 34 in your workbook

-use a straight edge to make your line

-remember to use arrows

!!DUE TOMORROW!!