Warm Up

2/12/19

1. Find the slope of the line that passes through the points (-5, 7) and (12, -3)

$$m = \frac{y_2 - y_1}{x_2 - x_1} = \frac{-3-7}{12+5} = \boxed{\frac{-10}{17}}$$

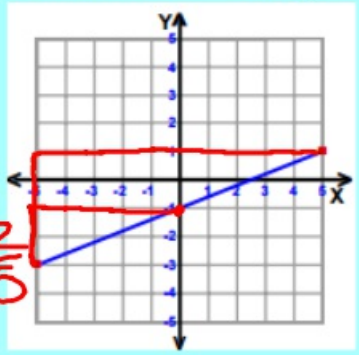
3. Find the slope:

x	y	
3	5	-2
6	3	-4
12	-1	

(+3, +6)

$\boxed{\frac{-2}{3}}$ $\quad \frac{-4}{6} = \boxed{\frac{-2}{3}}$

4. Find the slope:



$\boxed{\frac{2}{5}}$

$\frac{4}{10} = \frac{2}{5}$

2. Solve: $-14 - (3x + 5) > -4x - 16$

$-14 - 3x - 5 > -4x - 16$

$-19 - 3x > -4x - 16$

$+4x \quad +4x$

$-19 + x > -16$

$+19 \quad +19$

$\boxed{x > 3}$

Slope Quiz

20 minutes

Partner Slope Task

Match each table, graph and equation based upon their slope and y-intercept