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

$x_1\ y_1 \qquad x_2\ y_2$

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

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

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

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

$$+4x \qquad +4x$$

$$-19 + x > -16$$

$$+19 \qquad +19$$

$$\boxed{x > 3}$$

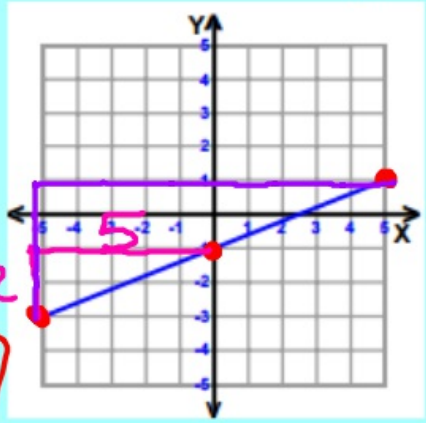
3. Find the slope:

x	y
3	5
6	3
12	-1

$+3$, -2; $+6$, -4

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

4. Find the slope:



$\frac{2}{5}$

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

Slope Quiz

20 minutes

Group Slope Task

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