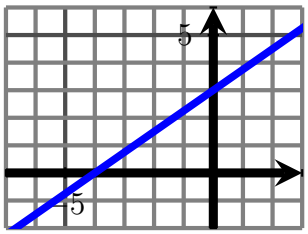
Intercepts and Slope

Name:_____

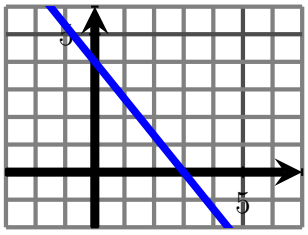
1. For the graphs below, give the ***x*-intercept**, ***y*-intercept**, and **slope** (intercepts will be integers).



x-intercept

y-intercept

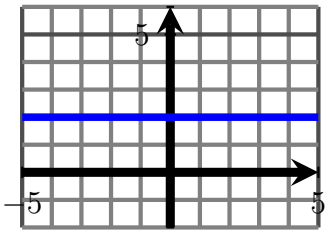
Slope



x-intercept

y-intercept

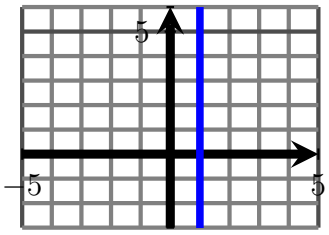
Slope



x-intercept

y-intercept

Slope



x-intercept

y-intercept

Slope

2. Find the slope between the pairs of points below.

(A) $(-1, 3)$ and $(2, -2)$

(B) $(-2, -3)$ and $(2, 1)$

(C) $(1, 2)$ and $(4, 2)$

3. Find the slope and intercepts of the equations below (intercepts may be fractions).

(A) $2x + 4y = 3$	**(B)** $2x - 5y = 1$	**(C)** $x = 3$	**(D)** $y = 2$

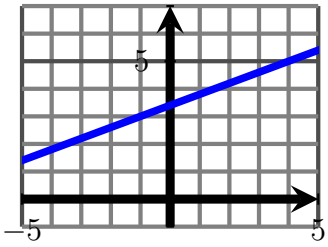
4. Given the slope and point below, find two other points on the given line.

(A) A line has slope $m = \dfrac{-3}{2}$ and goes through the point $(1, 2)$. Find two other points.

(B) A line has slope $m = \dfrac{4}{3}$ and goes through the point $(-2, 1)$. Find two other points.

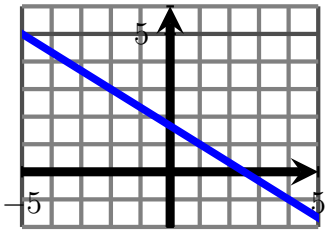
(C) A line has slope $m = 0$ and goes through the point $(3, 2)$. Find two other points.

5. For the graphs below find two points with whole number coordinates and compute the slope.



Two Points:

Slope:



Two Points:

Slope: