STAPLE

Name _____ $Score: \frac{}{5}$

Gillespie
Course 3: Gauge Ch3e
Proportional Relationships and Slope

This assignment is a gauge and will not be graded

1) Find the slope of the line that passes through $(19, -2)$ and $(-11, 10)$.

a) $-\frac{2}{5}$

b) $-\frac{1}{3}$

c) $\frac{2}{7}$

d) 1

2) Find the slope of the line that passes through $(9, 3)$ and $(19, -17)$.

a) $-\frac{3}{4}$

b) $-\frac{1}{2}$

c) $\frac{3}{4}$

d) -2

STAPL

3) Find the equation for the linear function.

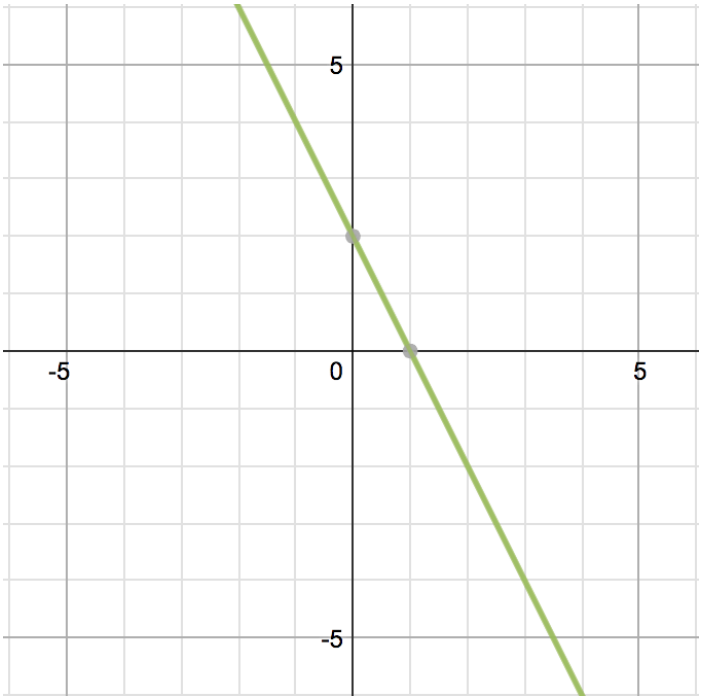
$hint: y = mx + b$
$m = slope$
$b = y - int$

a) $y = \frac{1}{2}x + 2$

b) $y = -2x + 2$

c) $y = \frac{1}{2}x - 2$

d) $y = 2x + 2$



4) What is the equation of the line that passes through $(-1, 4)$ and $(2, -2)$?

$hint: y = mx + b$
$m = slope$
$b = y - int$

a) $= 2x - 6$

b) $-2x -$

c) $y = -2 +$

d) $y = 2x + 6$

SKIP

5) Find the x- and y-intercepts of the line $4x - 3y = 12$

$hint$:
$x - int: (x, 0)$
$y - int: (0, y)$

a) $x - int = 3$; $y - int = -4$

b) $x - int = -3$; $y - int = -2$

c) $x - int = 3$; $y - int = 4$

d) $x - int = -3$; $y - int = -2$