Linear Equations – Project   Name: _____
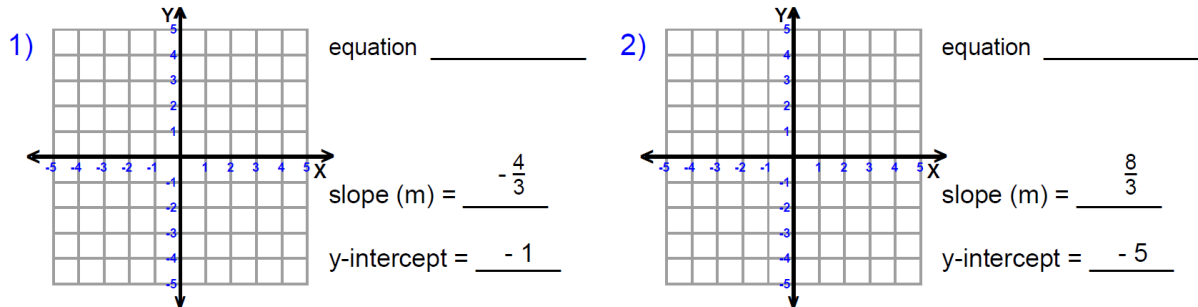
Date: _____ Period:_____

Due Thursday, 12/19/19. Will count as a classwork grade (worth 28 points).
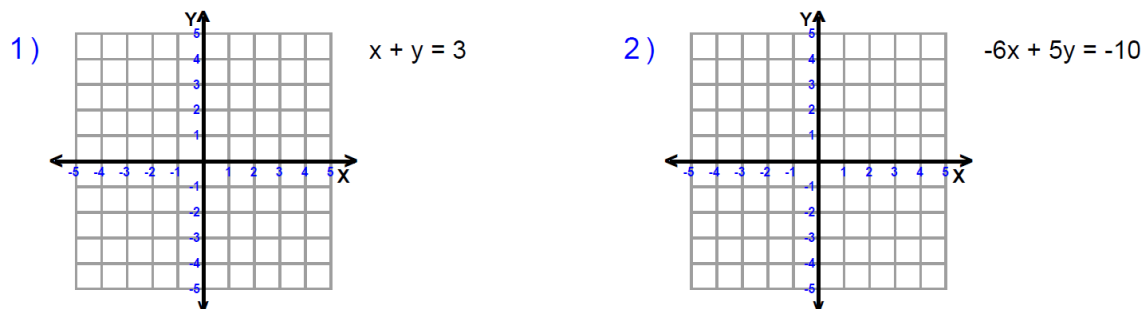
Sketch Each Line and Write the Equation

1)

equation _____

slope (m) = $-\dfrac{4}{3}$

y-intercept = __-1__

2)

equation _____

slope (m) = $\dfrac{8}{3}$

y-intercept = __-5__

Find the Slope from the Pair of Points

1) (-5,4) (5,-5)   slope = _____

2) (3,-5) (0,5)   slope = _____

Sketch the Graph of Each Line

1)

x + y = 3

2)

-6x + 5y = -10

Write the Equation from Each Line

1)

_____

2)

_____
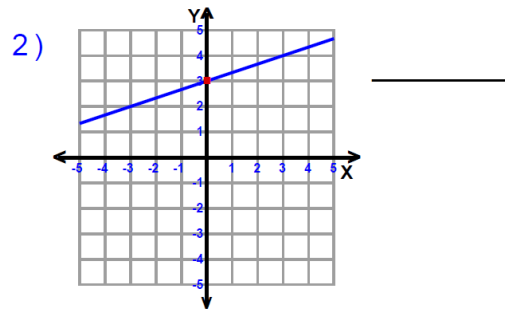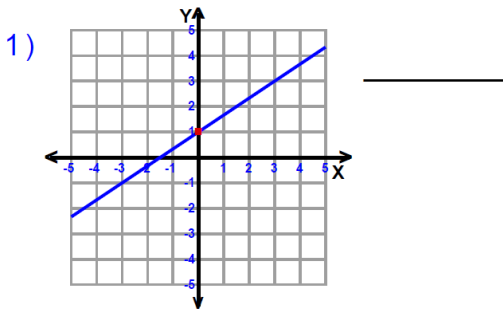
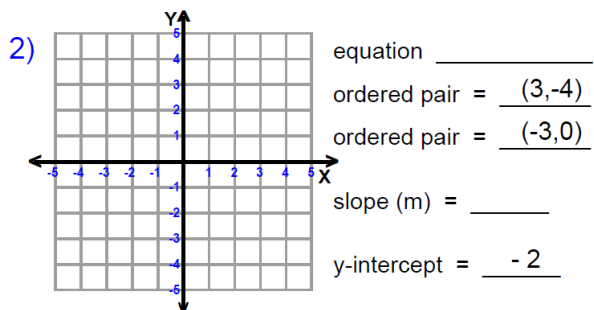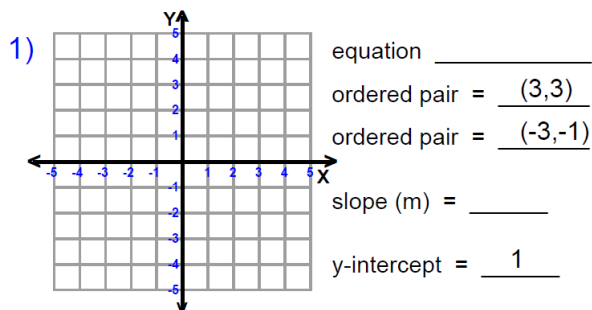# Find the Slope and Y-intercept for Each Equation

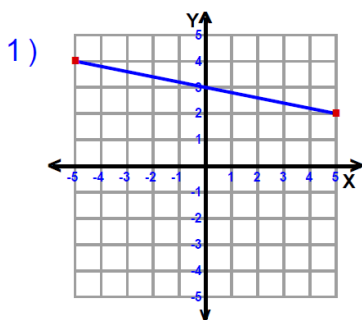1) -7x + 2y = 8   slope = _____

                          y-intercept = _____

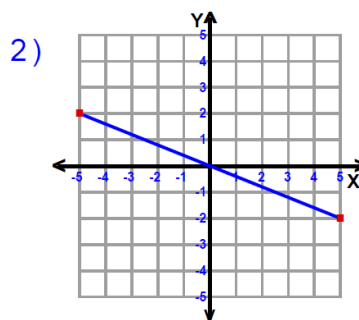2) 4x + 3y = 3   slope = _____

                          y-intercept = _____
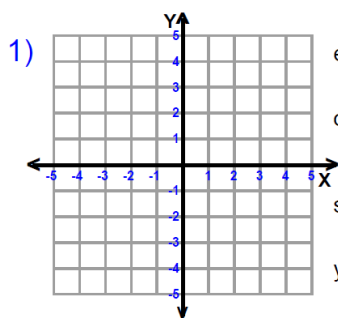
Sketch and Write the Equation For Each Line

1)

equation _____

ordered pair = (3,3)

ordered pair = (-3,-1)

slope (m) = _____

y-intercept = 1

2)

equation _____

ordered pair = (3,-4)

ordered pair = (-3,0)

slope (m) = _____

y-intercept = - 2

Find the Slope of Each Line

1)

slope = _____

2)

slope = _____

Sketch and Write the Equation For Each Line

1)

equation _____

ordered pair = __(3,-4)__
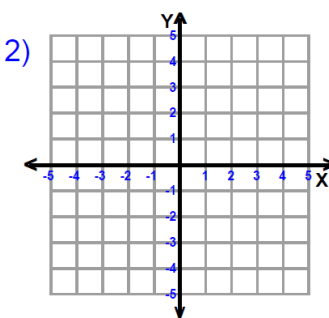
slope (m) = _____

y-intercept = __4__

2)

equation _____

ordered pair = __(2,4)__

slope (m) = _____

y-intercept = __-4__