Name: _____ Pd: _____ Date: _____

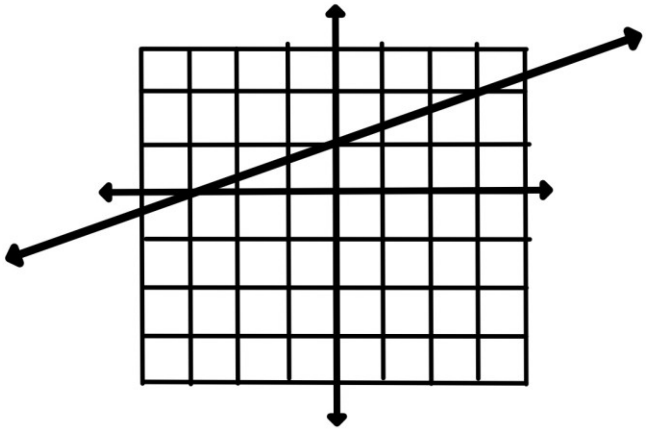
Writing the equation of a line in slope-intercept form.

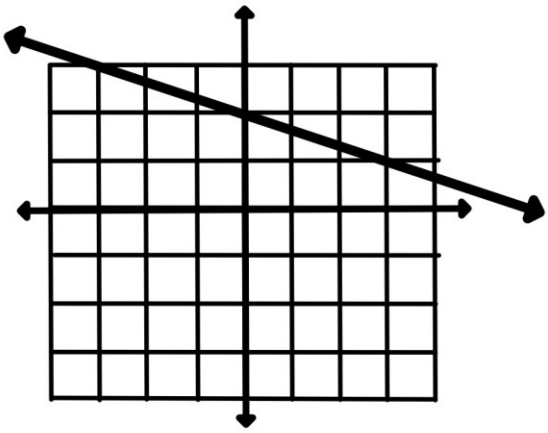
Determine the slope and the y-intercept for the graph.

m = b =

Then write the equation in slope-intercept form.

y = mx + b y = __x _____



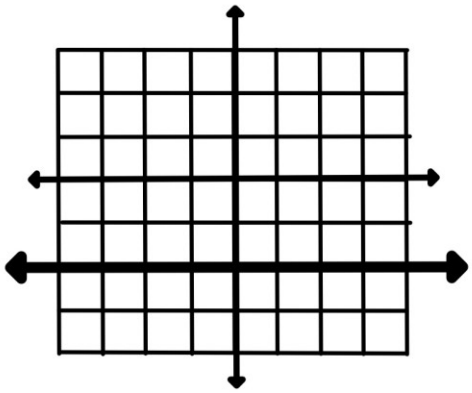


m = ____

b = ____

y = mx + b

_____

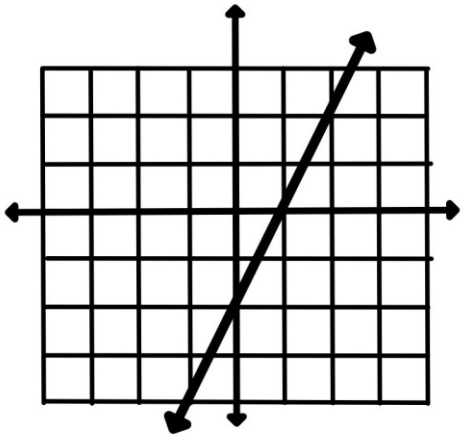


m = ____

b = ____

y = mx + b

_____

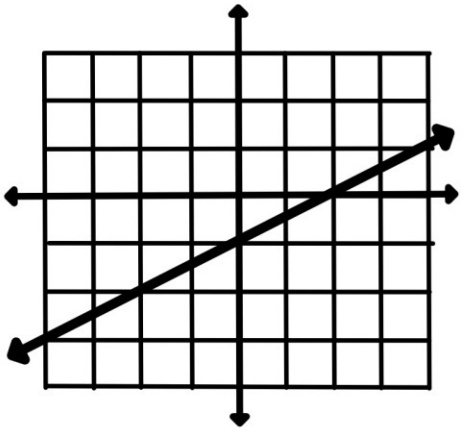


m = ____

b = ____

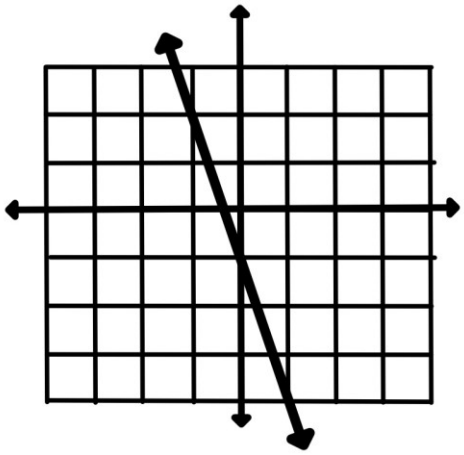
y = mx + b

_____



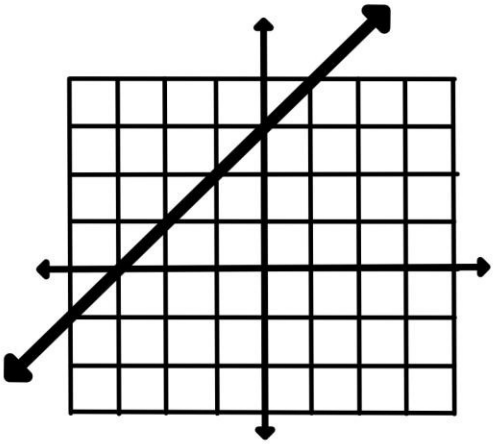
m = ____
b = ____

y = mx + b



m = ____
b = ____

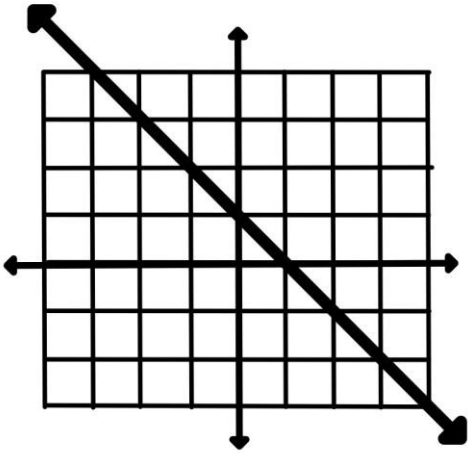
y = mx + b



m = ____

b = ____

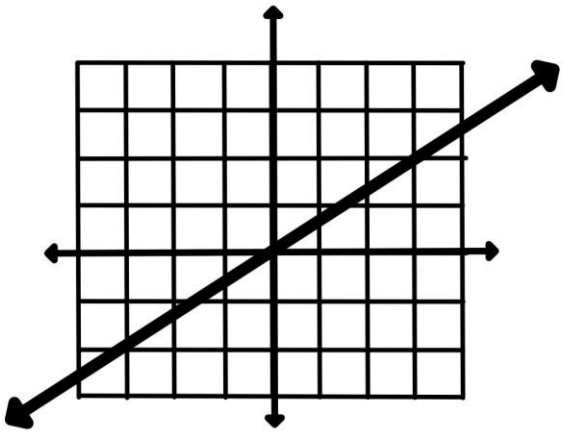
y = mx + b



m = ____

b = ____

y = mx + b

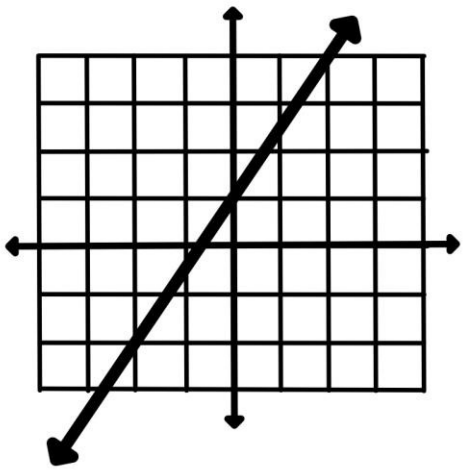


m = ____

b = ____

y = mx + b

_____

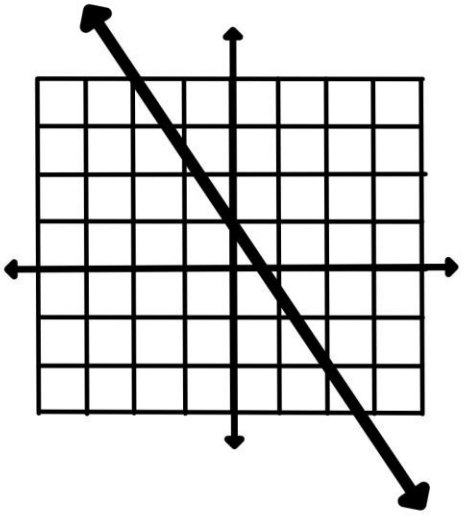


m = ____

b = ____

y = mx + b

_____

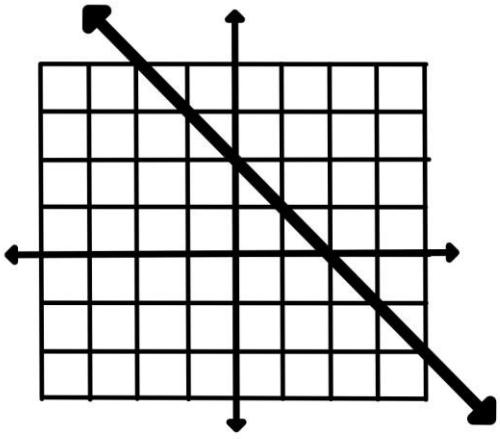


m = ____

b = ____

y = mx + b

_____



m = ____

b = ____

y = mx + b

_____

Answer Key

Pg 1

Graph 1: m = 1/3 b = 1 y = 1/3 x + 1 or y = x/3 + 2

Graph 2: m = - 1/3 b = 2 y = - 1/3x + 2 or y = -x/3 + 2

Pg 2

Graph 1: m = 0 b = -2 y = -2

Graph 2: m = 2 b = -2 y = 2x - 2

Pg 3

Graph 1: m = ½ b = -1 y = ½ x -1 or y = x/2 - 1

Graph 2: m = -3 b = -1 y = -3x - 1

Pg 4

Graph 1: m = 1 b= 3 y = x + 3

Graph 2: m = -1 b = 1 y = -x + 1

Pg 5

Graph 1: m = 2/3 b = 0 y = 2x/3

Graph 2: m = 3/2 b = 1 y = 3/2 x + 1

Pg 6

Graph 1: m = -3/2 b = 1 y = -3x/2 + 1

Graph 2: m = -1 b = 2 y = - x + 2