Name

Write a linear equation in slope-intercept form

1

What slope would this line equation have

$$y = 3x$$

A

$$m = 3$$

B

$$m = \frac{1}{3}$$

C

$$m = \frac{3}{2}$$

D

$$m = -3$$

2

Find the y intercept of this function

$$y = 4x - 1$$

A	B	C
-3	-8	5
D	E	F
-1	3	-10

3

Find the y intercept of this function

$$y = 5.5x + 8.74$$

A	B	C
6.46	7.98	11.02
D	E	F
5.7	10.26	8.74

4

What line equation would have this slope?

$$m = \frac{1}{3}$$

A	B
$y = \frac{3}{2}x$	$y = -3x$
C	
$y = \frac{1}{3}x$	

5

What line equation would have this slope?

$$m = 1$$

A

$$y = 1x + 1$$

B

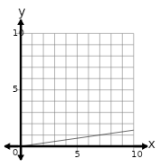
$$y = -\frac{1}{2}x + 1$$

C

$$y = -1x + 1$$

6

Select the equation that would result in the line on the graph as shown



A	B
$y = -0.1428584591852718$	$y = 1.64x$
C	D
$y = 0.14x$	$y = -0.36x - 1.5$

Name

Write a linear equation in slope-intercept form

7

m=0.33

A $y = -\frac{1}{3}x + 3$

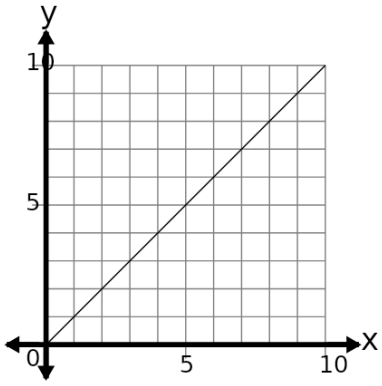
B $y = -\frac{3}{2}x + 3$

C $y = \frac{1}{3}x + 3$

D $y = 3x + 3$

8

Select the equation that would result in the line shown with a slope of 1



A $y = -2x - 3$

B $y = 3x$

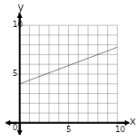
C $y = 1x$

D $y = 1x - 3$

E $y = -1$

9

Select the equation that would result in the line on the graph as shown



A $y = -4x - 0.37$

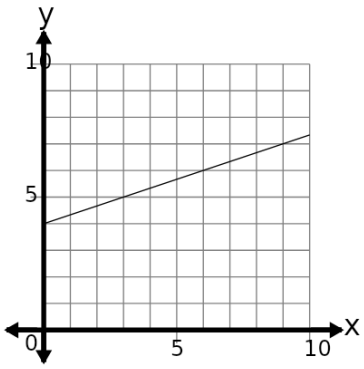
B $y = 0.87x + 2.5$

C $y = 0.87x + 5.5$

D $y = 0.37x + 4$

10

Select the equation that would result in the line shown with a y-intercept of 4 and a slope of 0.33



A $y = -0.67x + 5.5$

B $y = -4x - 0.33$

C $y = 0.33x + 4$

D $y = -1.67x + 2.5$

E $y = -0.67x + 4$

11

(6, 2) and (9,9)

A $y = 7x + -40$

B $y = 1x + -4$

C $y = \frac{7}{3}x + \frac{4}{3}$

D $y = 5x + -28$

E $y = 6x + -34$

F $y = \frac{7}{3}x + -12$