

Name: _____

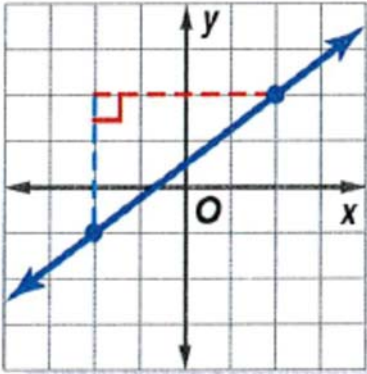
Hw SY-0

Intro to Linear Systems



ABBUBACA.COM QR

Find the slope of each line.



$m =$ _____

x	-6	-2	2	6
y	-2	-1	0	1

$m =$ _____

Find the slope of the line that passes through each pair of points.

A(-3, -2) and B(5, 4)

E(-6, 5) and F(3, -3)

Line AB goes through points $A(-4, -3)$ and $B(-2, 0)$. What is the slope of the line?

- (A) $-\frac{3}{2}$
 (B) $-\frac{2}{3}$

- (C) $\frac{2}{3}$
 (D) $\frac{3}{2}$

Identify the slope and the y-intercept.

$$y = -2x + 10$$

$m =$ _____ $b =$ _____

$$y = \frac{2}{3}x - 21$$

$m =$ _____ $b =$ _____

$$2x + y = 6$$

$m =$ _____ $b =$ _____

Write an equation of a line in slope-intercept form.

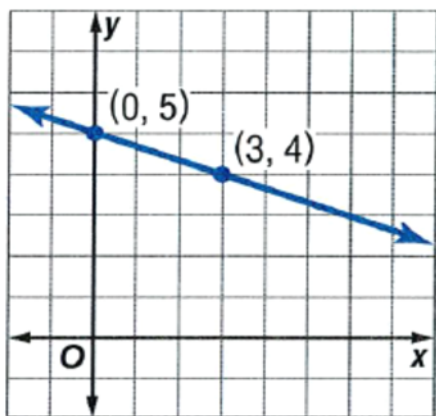
Slope: $-\frac{3}{4}$, y-intercept: -2

$y =$ _____

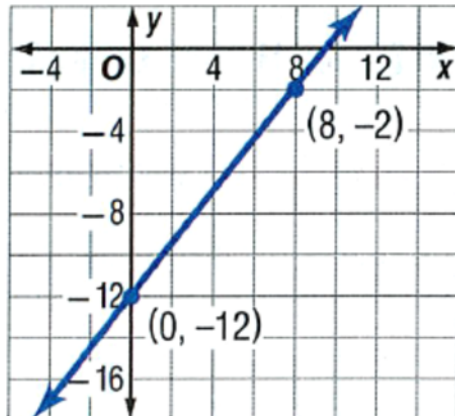
Slope: $\frac{5}{6}$, y-intercept: 8

$y =$ _____

Write an equation in slope-intercept form for each graph shown.



$y =$ _____



$y =$ _____

Write an equation in slope-intercept form for the line that passes through $(-2, 3)$ with a slope of 4.

Write an equation in slope intercept form for the line that passes through $(8, 1)$ and $(-2, 9)$.