Choose the correct answer.

Question 1

Find the slope of the line that passes through A(2,4) and B(4,10)

a. 3
b. 2
c. 2/3
d. 5

Question 2

Find the slope of the line that passes through A(-3,-8) and B(1,0)

a. 3
b. 2
c. 8
d. 3

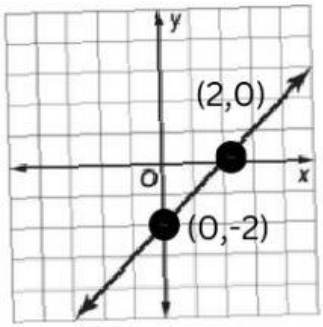
Question 3

If 5x - 6y = 30, then y-intercept is ____

a. 5
b. 6
c. -5
d. -6

Question 4

What is the equation of the line shown in the graph?



a. y = x - 2
b. y = 4x + 2
c. y = -x - 2
d. y = -2x - 2

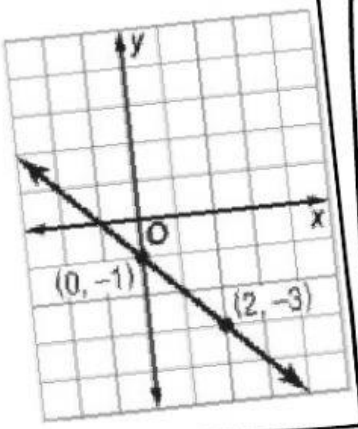
Question 5

Which equation written in slope-intercept form?

a. y = -3x -2
b. y - 9 = 2(x-9)
c. 3x - y = 5
d. 3x = 4y - 9

Question 6

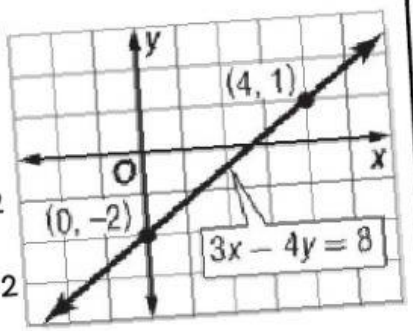
What is the equation of the line shown in the graph?



a. y = x - 1
b. y = -x - 1
c. y = x +1
d. y = 2x - 1

Question 7

Find the slope (m) and y-intercept (b)



a. m = 4, b= 0
b. m = 3/4, b = -2
c. m = 3, b =
d. y = 4 and b = -2

Question 8

Write an equation of a line in slope-intercept form with slope -3 and y-intercept -6

a. y = -3x + 6
b. y= 3x - 6
c. y= -6x - 3
d. y= -3x - 6

Question 9

Write 6x - 2y = 12 in slope intercept form.

a. y = 3x - 6
b. x - y = 2
c. y = -3x - 6
d. y = -3x + 6

Question 10

If 5x - 6y = 30, then x-intercept is ____

a. 5
b. 6
c. -5
d. -6