

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. $\frac{2}{3}$
- 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

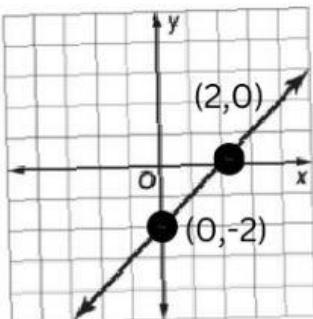
If $5x - 6y = 30$, then y-intercept is ----

- 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

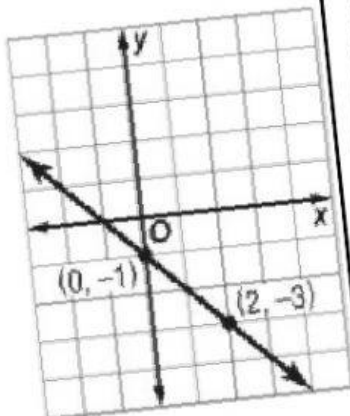
Which equation written in slope-intercept form?

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

Question 6

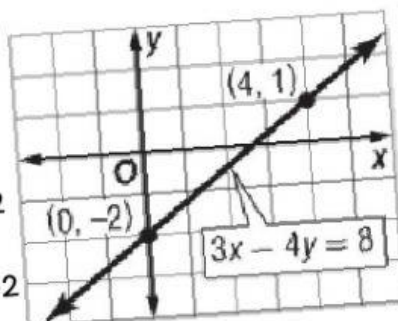
What is the equation of the line shown in the graph?

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



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

- a. $m = 4, b = 0$
- b. $m = \frac{3}{4}, b = -2$
- c. $m = 3, b =$
- d. $y = 4$ and $b = -2$



Question 7

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. $y = -3x - 6$

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

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

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

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

Question 9

Question 10