

**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**

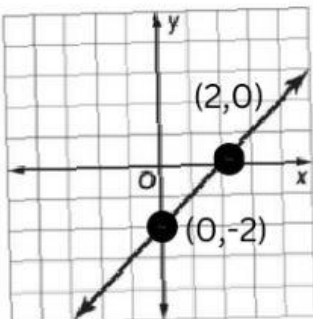
If  $5x - 6y = 30$ , then y-intercept is ----

- 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**

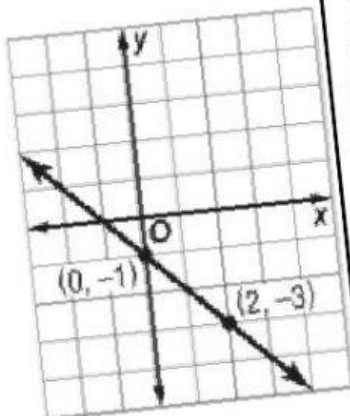
Which equation written in slope-intercept form?

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

**Question 6**

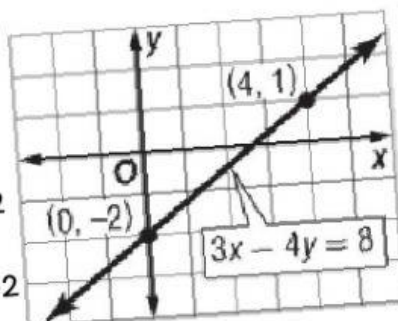
What is the equation of the line shown in the graph?

- 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**