

Q1: Remedial Work in Math 8

Direction: Choose the letter of the best answer. Write the chosen letter on a separate sheet of paper.

1. In the linear equation $Ax + By = C$, which of the following statements is always **TRUE**?

A. a , b & c are whole numbers C. a & b can be both zero
 B. a , b , & c cannot be negative D. a & b cannot both be zero

2. What is the slope and y -intercept of the line whose equation is $y = 4x - 5$?

A. $m = 4$, $b = 5$ C. $m = 5$, $b = 4$
 B. $m = 4$, $b = -5$ D. $m = -5$, $b = 4$

3. Convert the equation $2x - 4y = 8$ in the form $y = mx + b$.

A. $y = \frac{1}{2}x - 2$ C. $y = 2x - 4$
 B. $y = \frac{1}{2}x - 4$ D. $y = \frac{1}{2}x + 2$

4. Write the linear equation $y = 3x + 5$ in the form $ax + by = c$.

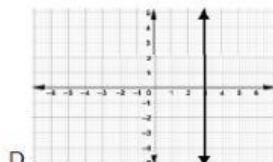
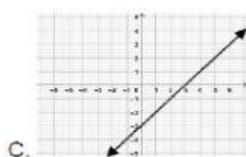
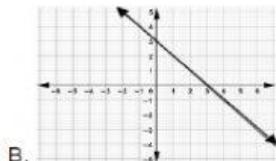
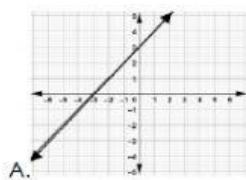
A. $3x + y = 5$ C. $-3x + y = -5$
 B. $3x + y = -5$ D. $3x - y = -5$

5. The equation of a line given by $y = mx + b$ is also called _____.

A. slope & intercept form C. slope-intercept form
 B. slope-point form D. point-slope form

Direction: Choose the letter of the correct answer.

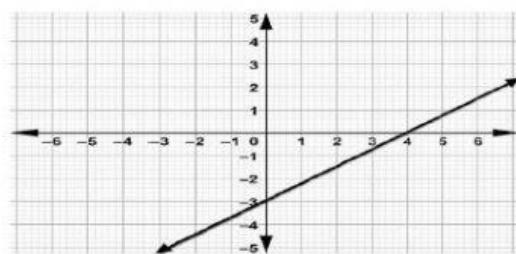
1. Which of the following is the graph of $y = x + 3$?



2. Which line passes thru the points $(-1, 1)$ and $(3, 2)$?

A. $x + y = 5$ B. $x - 4y = -5$ C. $3x + 2y = 1$ D. $2x + y = 3$

For nos. 3-4
 Given the graph below



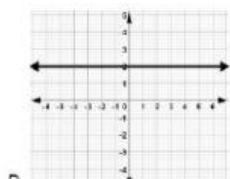
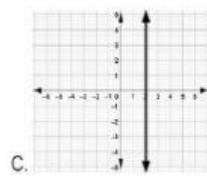
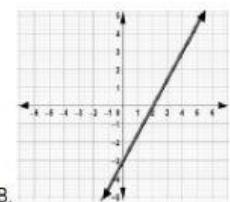
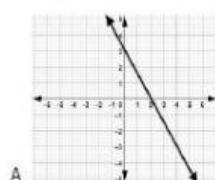
3. What is the x -intercept of the graph?

A. 0 B. -3 C. 4 D. 5

4. What is the y -intercept of the graph?

A. 0 B. -3 C. 4 D. 5

5. Which of the following graph passes through the point $(2, 0)$ and has a slope of $-\frac{3}{2}$?



LIVEWORKSHEETS