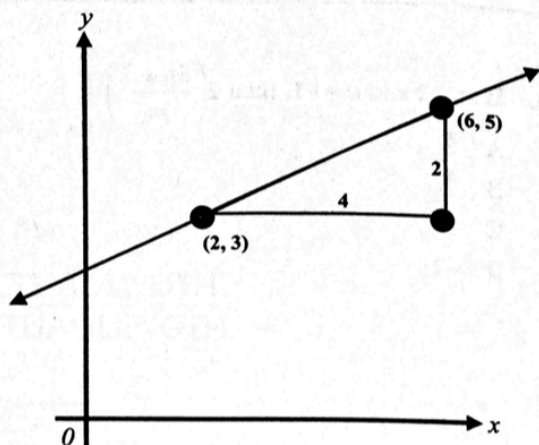


2. Divide x by 12 and add 6 to the result. The answer is 4 times y .

Which of the following equations matches these statements?

- A $6 = 4y + \frac{x}{12}$
 B $\frac{x}{12} + 6 = 4y$
 C $6 + \frac{x}{12} = 4 + y$
 D $\frac{12}{x} + 6 = 4 + y$

11. What is the slope of the line below?



- A -2
 B $-\frac{1}{2}$
 C $\frac{1}{2}$
 D 2

3. If $m = 2$ and $n = -1$, then $2\left(\frac{5n+3}{m}\right) =$

- A 8
 B 7
 C 2
 D -2

13. Solve for x .

$$4x + 2 = -10$$

- A 3
 B 2
 C -2
 D -3

14. Solve for s .

$$3 - 2s \geq 5$$

- A $s \leq -1$
 B $s \leq 1$
 C $s \geq -1$
 D $s \geq 1$

20. After his wedding, Jim had 189 thank-you notes to write. During the past 6 days he has written 54 notes. If he continues at the same rate, how many more days will it take him to finish writing thank-you notes?

- A 9
 B 12
 C 15
 D 21

30. Which of the following could be the graph of $y = 4x^3$?

