

Math Algebra 8_5

Student Name: _____

Date: _____

1.

$$\begin{aligned} 3x + 2 &= y \\ x &= 4 \\ y &= \underline{\hspace{1cm}} \end{aligned}$$

- A. 7
- B. 14
- C. 12

2.

$$\begin{aligned} y &= 3x \\ x &= 25 \\ y &= \underline{\hspace{1cm}} \end{aligned}$$

- A. 28
- B. 325
- C. 75

3.

$$\begin{aligned} 2x + y &= 16 \\ x &= 8 \\ y &= \underline{\hspace{1cm}} \end{aligned}$$

- A. 3
- B. 0
- C. 1

4.

x	y
1	13
2	10
3	7
4	4

Which fits?

- A. $2x + y = 24$
- B. $5x - y = 35$
- C. $3x + y = 16$

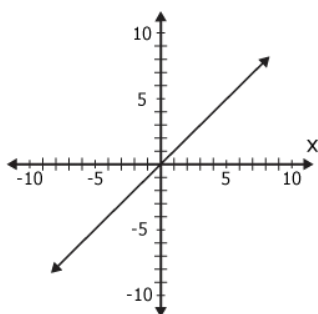
5.

A line has points (0, 1) and (1, 4).

Which is parallel?

- A. $y = 2x$
- B. $y = 2x - 3$
- C. $y = 3x - 2$

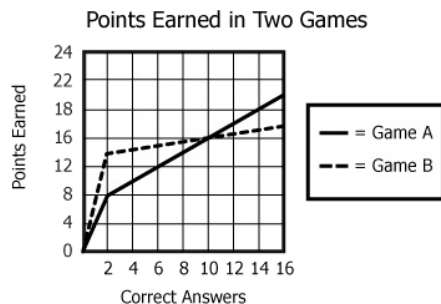
7.



The slope is ____.

- A. negative
- B. positive
- C. 0

6.



You earn the same points in both games for ____ correct answers.

- A. 6
- B. 12
- C. 10

8.

x	y
3	13
4	17
5	21
6	25

slope = ____

- A. 4
- B. 3
- C. 1

9.

$$y = 2x + 3$$

slope = ____

- A. 1
- B. 2
- C. 3

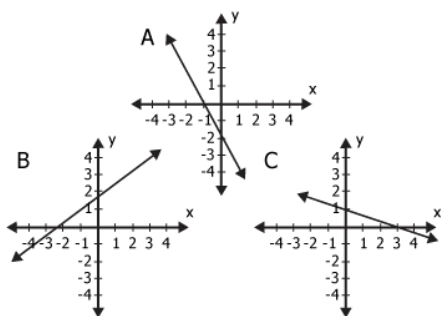
10.

x	1	2	3	4
y	7	10	13	16

slope = ____

- A. $\frac{1}{3}$
- B. 2
- C. 3

11.



Which line fits $y = 1 - \frac{1}{3}x$?

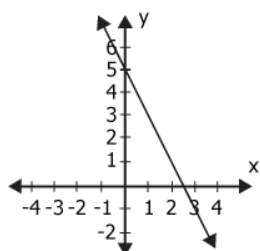
- A. A
- B. B
- C. C

12.

Which line has a slope of 2?

- A. $y = 2x - 3$
- B. $y = 3x - 2$
- C. $y = x + 2$

13.



Which fits this line?

- A. $y = 5x - 2$
- B. $y = 2x + 5$
- C. $y = -2x + 5$

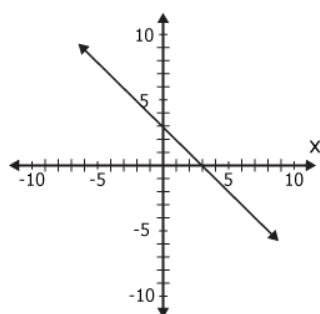
14.

$$y = 10 - 2x$$

slope = ____

- A. 8
- B. -2
- C. 10

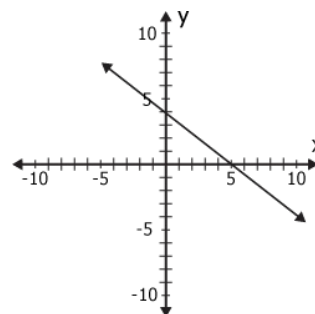
15.



Which fits this line?

- A. $y = -3x$
- B. $y = \frac{1}{3}x + 3$
- C. $y = 3 - x$

16.



y-intercept = ____

- A. 4
- B. -4
- C. -1