Math Algebra 8_4

Student Name:_____   Date:_____

1.

$y = 3x + 3$

$x = 1000$

$y =$ ___

A. 3003

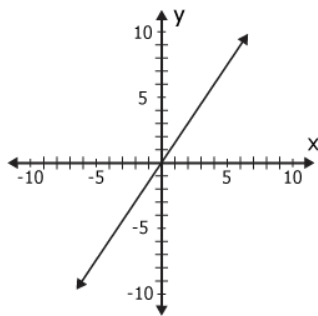**B.** 3000

C. 3006

2.

Bill gets 4 points for each correct answer (c).

Which shows how many points (p) he has in all?

A. $y = x - 4$

B. $y = x + 4$

C. $p = 4c$

3.

y−intercept = ___

A. 4

B. 2

C. 0

4.

$y = \frac{1}{2}x - 2$

$x = 6$

$y =$ ___

A. 1

B. 2

C. 6

5.

Which line has a slope of $\frac{1}{2}$?

A. $y = 2x + \frac{1}{2}$
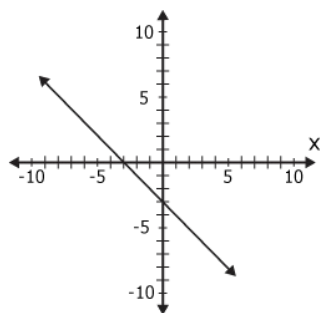
B. $y = \frac{1}{2}x - 5$

C. $y = 3x - \frac{1}{2}$

6.

$y = -10 + \frac{3}{4}x$

slope = ___
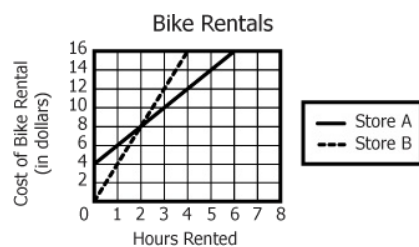
A. $\frac{3}{4}$

B. $-\frac{3}{4}$

C. $\frac{4}{3}$

7.

slope = ___

A. 0

B. 1

C. −1

8.

Bike Rentals

Tim rents a bike from Store A for 3 hours. Jan rents a bike from Store B for 1 hour.
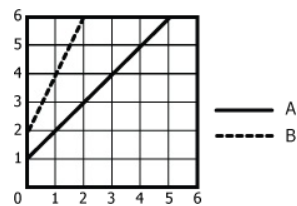
Tim pays ___ more than Jan?

A. $8.00

B. $4.00

C. $6.00

9.

$$y = \frac{1}{4}x + 5$$
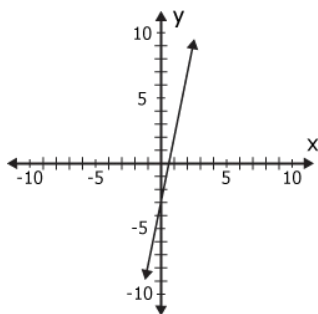
slope = ___

A. 5

B. $5\frac{1}{4}$

C. $\frac{1}{4}$

10.

Which fits Line A?
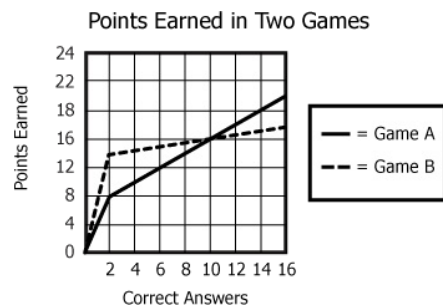
A. y = 2x + 2

B. y = 2x + 1

C. y = x + 1

11.

Which fits the line?

A. y = 5x − 3

B. y = 5x + 3

C. y = −5x + 3

12.

Which game has more points for less than 10 correct answers?
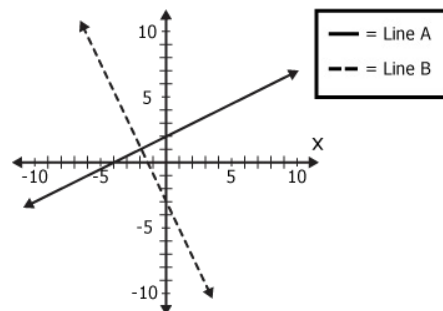
A. Game B

B. Both the same

C. Game A

13.

y = 2x + 4

y = 3x + 2

Where do the lines intersect?

A. (2, 8)

B. (2, 0)

C. (8, 2)

14.

Slope of Line B = ___

A. 2

B. −2

C. −4

15.

$y = \frac{5}{6}x - 6$

slope = ___

A. 6

B. −6

C. $\frac{5}{6}$

16.

Which is parallel to y = 5x + 2?

A. y = 5x − 24

B. y = 24x − 5

C. y = 29x