Math Algebra 8_9

Student Name:_____ Date:_____

1.

Parallel lines always have

the same ___ .

A. slope

B. y−intercept

C. x−intercept

2.

y = 2x + 7

x = 4

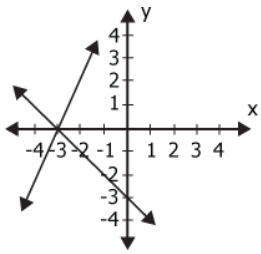
y = ___

A. 8

B. 13

C. 15

3.



Where do the lines intersect?

A. (0, 5)

B. (−3, 0)

C. (0, −3)

4.

It costs $2 to rent a video for 1 day.

Each extra day costs $1 more.

Nan rents a video for 4 days.

How much will it cost?

A. $5

B. $8

C. $4

5.

$y = \frac{2}{3}x + 2$

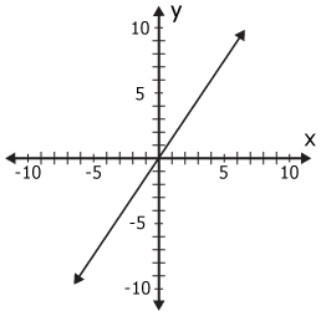
slope = ___

A. $\frac{3}{2}$

B. 2

C. $\frac{2}{3}$

6.



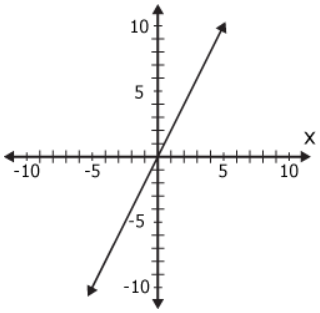
slope = ___

A. 1.5

B. 8

C. −3

7.



y−intercept = ___

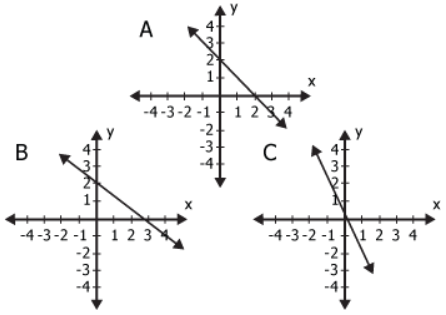
A. 0

B. −2

C. $\frac{1}{2}$

8.

Which line has a slope of $-\frac{2}{3}$ and a y−intercept of 2?

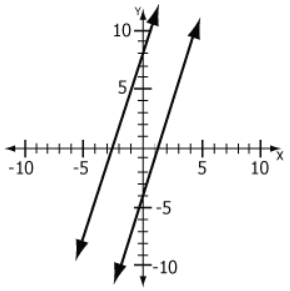


A. A

B. B

C. C

9.



Which fit these lines?

A. $y = 3x + 8$
$y = -3x - 8$

B. $y = 3x + 8$
$y = -3x - 4$

C. $y = 3x + 8$
$y = 3x - 4$

10.

$y = 2x + 4$

y−intercept = ___

A. 2

B. 4

C. 3

11.

$y = x$

slope = ___

A. 1

B. 0

C. −1

12.

A line has the points

(50, 100) and (80, 700).

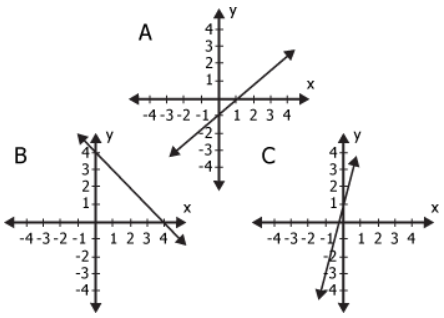
slope = ___

A. $\frac{1}{20}$

B. 20

C. 200

13.



Which line fits y = 4x + 1?

A. A

B. B

C. C

14.

$y = \frac{x}{4} - 2$

y−intercept = ___

A. −2

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

C. 4

15.

y = x + 4

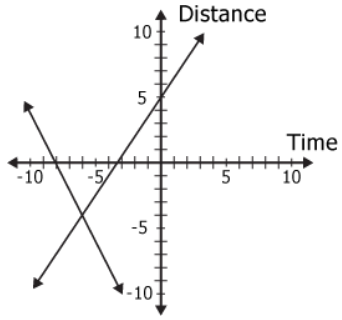
slope = ___

A. 4

B. 5

C. 1

16.



About where do the lines intersect?

A. (−4, 4)

B. (−4, −6)

C. (−6, −4)