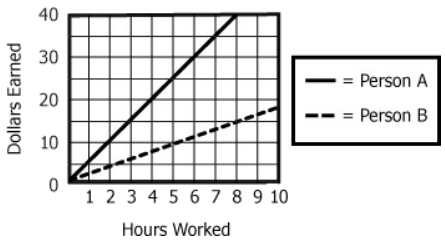
Math Algebra 8_2

Student Name:_____ Date:_____

1.

Money Earned



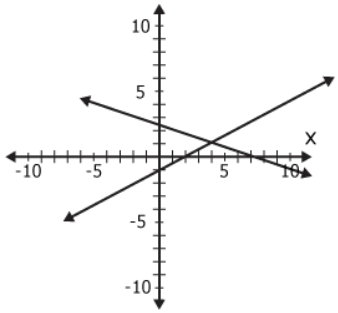
Person A earns *about* ___ in 3 hours.

A. $15.00

B. $20.00

C. $10.00

2.



These lines are ___ .

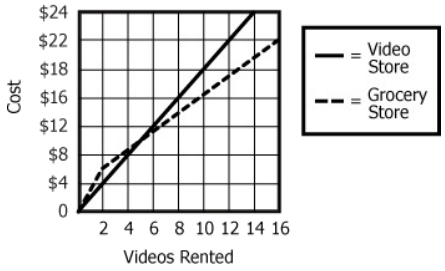
A. intersecting

B. parallel

C. perpendicular

3.

Movie Rental Costs



Tia has $22.00.

Where can she rent more videos?

A. Both are equal

B. Video store

C. Grocery store

4.

xy ÷ 2 = 6

y = 3

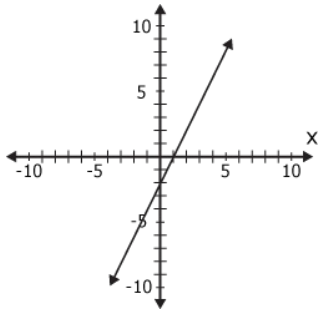
x = ___

A. 8

B. 4

C. 6

5.



slope = ___

A. 2

B. −1

C. −2

6.

y = 8x + 1

y = 15 + 8x

These lines are:

A. parallel

B. same line

C. intersecting

7.

7x + 8y = 9

−4x − 6y = −8

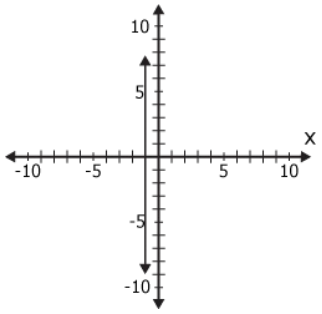
Solve for x and y.

A. x = −9, y = 9

B. x = −1, y = 2

C. x = −4, y = 4

8.



Which fits this line?

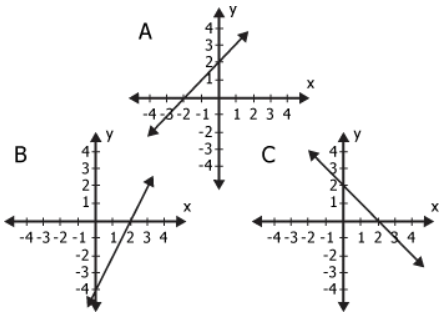
A. y = −x

B. x = −1

C. y = −1

9.

Which has a negative slope?



A. A

B. B

C. C

10.

Line A: y = 3x + 9

Line B is parallel to Line A.

What is the slope of Line B?

A. 5

B. 4

C. 3

11.

x	y
0	-4
1	5
2	14
3	23

slope = ___

A. 9

B. −4

C. 4

12.

y = 12x + 10

slope = ___

A. 10

B. 12

C. 22

13.

$y = 5x + 7$

slope = ___

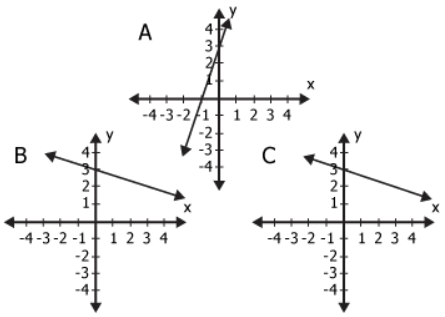
A. $\frac{1}{5}$

B. 7

C. 5

14.

Which shows $y = 3x + 3$?

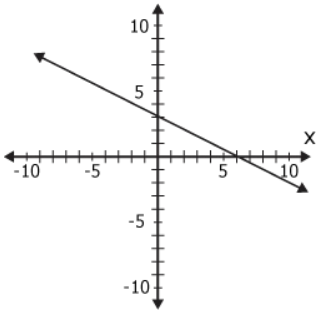


A. A

B. B

C. C

15.



slope = ___

A. −2

B. 5

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

16.

Which lines intersect at (0, 0)?

A. $y = 2x$
$y = -2x - 2$

B. $y = x$
$y = -x$

C. $y = x + 1$
$y = x - 1$