

Math Algebra 8_6

Student Name: _____

Date: _____

1.

$$5x + 6 = y$$

$$x = 5$$

$$y = \underline{\hspace{1cm}}$$

A. 35

B. 25

C. 31

3.

$$y = 2x + 1$$

$$x = 40$$

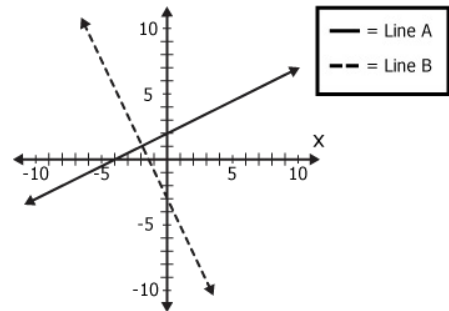
$$y = \underline{\hspace{1cm}}$$

A. 2

B. 80

C. 81

2.



Where do the lines intersect?

A. $(-2, -1)$

B. $(2, 1)$

C. $(-2, 1)$

4.

A line has points $(1, 3)$ and $(2, 4)$.

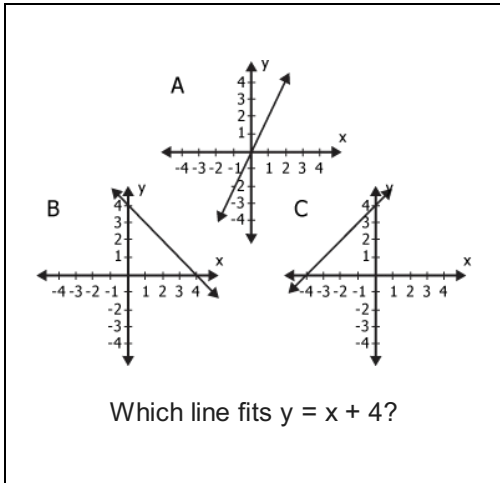
A parallel line has points ____.

A. $(6, 8)$ $(3, 4)$

B. $(0, 1)$ $(1, 2)$

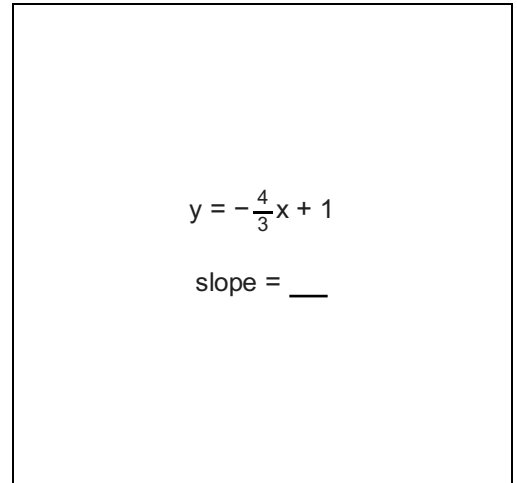
C. $(5, 8)$ $(6, 0)$

5.



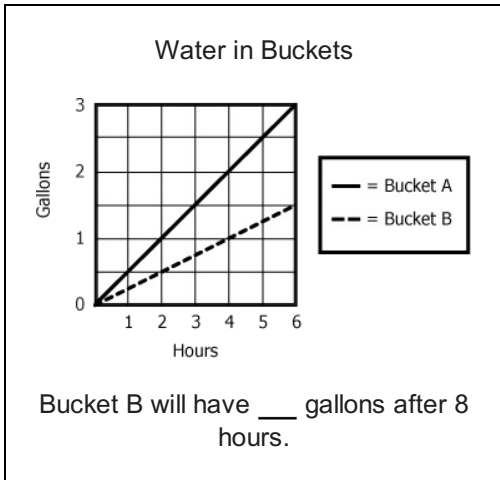
- A. A
- B. B
- C. C

6.



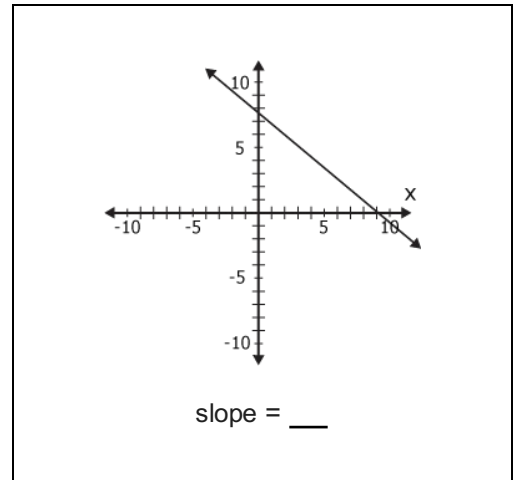
- A. $-\frac{4}{3}$
- B. $-\frac{3}{4}$
- C. -4

7.



- A. 3
- B. 1.5
- C. 2

8.



- A. $-\frac{8}{9}$
- B. $\frac{9}{8}$
- C. -6

9.

$$y = 4x - 9$$

y-intercept = ____

- A. -9
- B. 4
- C. 5

10.

$$y = 9x - 1$$
$$y = -2x + 3$$

These lines are:

- A. parallel
- B. intersecting
- C. same line

11.

Which intersects $y = 3x + 2$?

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

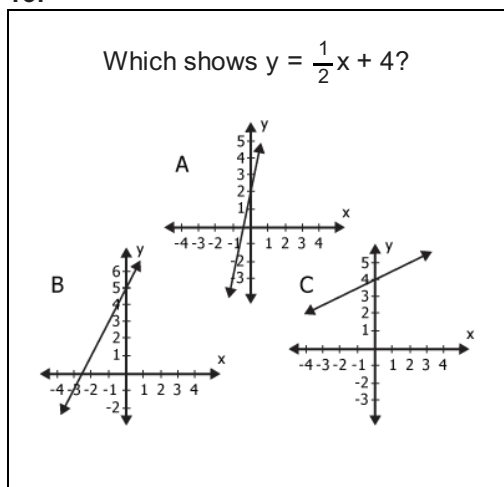
12.

$$-2y = 4x + 4$$

slope = ____

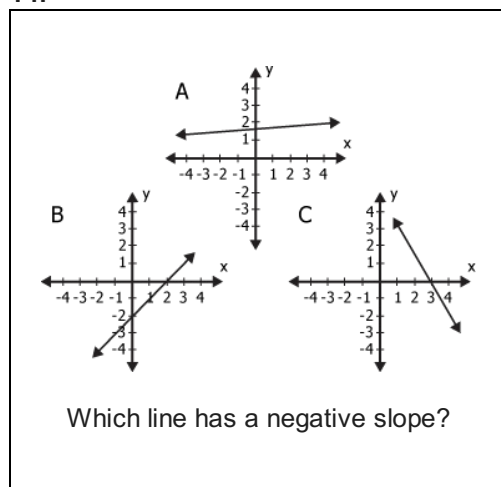
- A. $-\frac{1}{2}$
- B. 2
- C. -2

13.



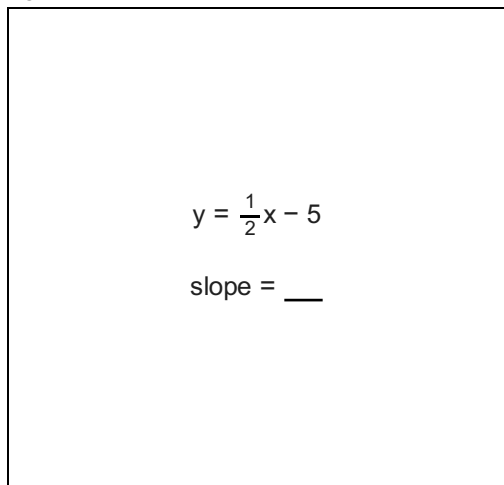
- A. A
- B. B
- C. C

14.



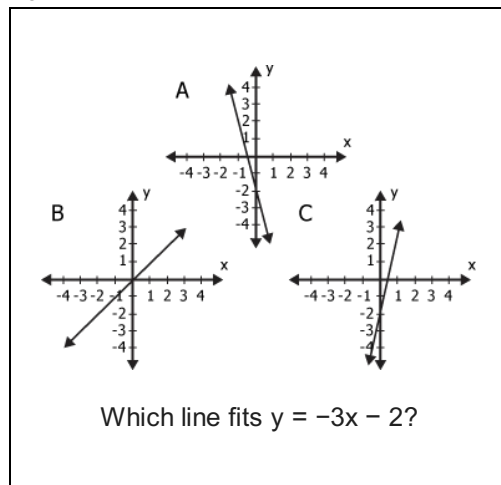
- A. A
- B. B
- C. C

15.



- A. 2
- B. $\frac{1}{2}$
- C. -5

16.



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