

# QUIZZ

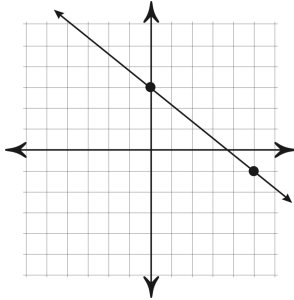
NAME : \_\_\_\_\_

CLASS : \_\_\_\_\_

PW Graphing and Writing Equations for Lines  
15 Questions

DATE : \_\_\_\_\_

1.



What is the equation of the line?

A  $y = -4/5x + 3$

B  $y = -4/5x$

C  $y = -3/4x + 3$

D  $y = 4/5x + 3$

2. How would you write the equation with a slope of  $2/3$  and a y-intercept of  $-3$ 

A  $y = 3/2x + 3$

B  $y = 2/3x - 3$

C  $y = 2/3 - 3$

D  $y = 2/3x + 3$

3. What is the slope in the equation  $y = 2x + 3$ ?

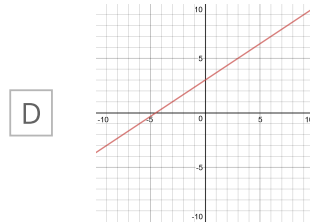
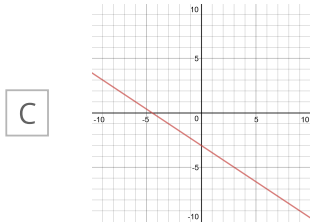
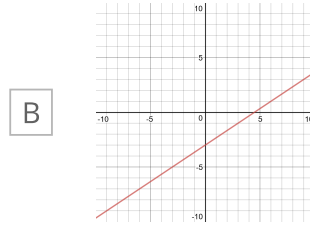
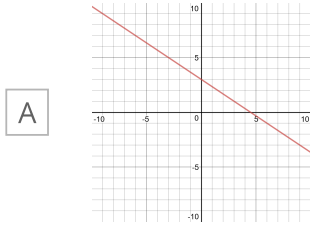
A 2

B 5

C Cannot be Determined

D 3

4. Which graph shows the equation  $y = \frac{2}{3}x - 3$



5.  What is the equation of this line?

A  $x = -2$

B  $y = -2$

C 0

D  $x = 2$

6. What TWO things do you need to write a linear equation? Check both things!

A Slope

B Standard form

C Y - axis

D Y-intercept

7. When graphing an equation, ALWAYS start with the \_\_\_\_\_.

A Slope

B Y-intercept

C x - axis

8. Why are lines straight?

A Y-intercept

B run/rise

C Lines are not straight

D Constant rate of change

9. Vertical or horizontal?

$$x = 4$$

A vertical

B neither

C horizontal

10. Vertical or horizontal?

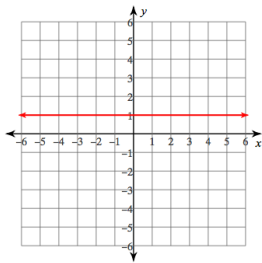
$$y = -6$$

A vertical

B neither

C horizontal

11.



What is the equation of the line shown in the graph?

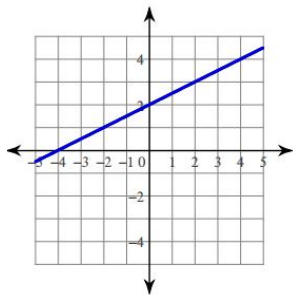
A  $x = 1$

B  $y = 1$

C  $y = 0$

D  $y = 2$

12.



What equation matches this graph?

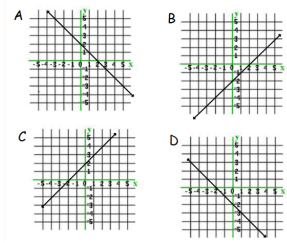
A  $y = 2x + 2$

B  $y = 1/2x + 2$

C  $y = 2/3x + 2$

D  $y = 3/2x + 2$

13.

Which is the graph of  $y = -x + 2$ ?

A

A

B

C

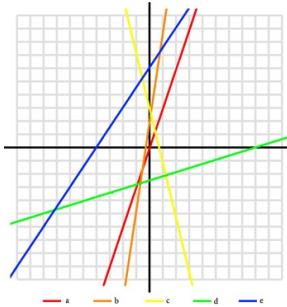
C

D

D

B

14.



Which line has a negative slope?

A

Yellow

B

Green

C

Red

D

Blue

15.

x	y
-2	-2
-1	2
0	6
1	10
2	14

Find the slope from the table.

A

4

B

1

C

-2

D

-4

**Answer Key**

1.	2.b	3.	4.b
5.	6.	7.b	8.d
9.	10.c	11.b	12.b
13.	14.	15.	