



# Slope

Math  
G

Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

- 1 What is the **equation** of a line with a **slope of 5** and a **y-intercept of -2**?

Circle the answer letter.

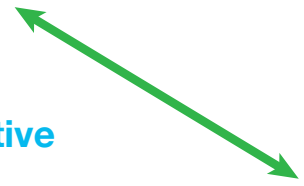
- a.  $y = -2x + 5$   
 b.  $y = -5x + 2$   
 c.  $y = 5x - 2$

- 2 What is the **equation** of a line that has a **slope of -7** and crosses the **y-axis at the point (0, 5)**?

- a.  $y = 5x - 7$

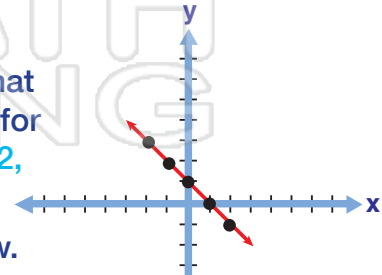
- 6 What is the **slope** of the line shown?

positive      negative  
 zero          undefined



- 7 According to the graph shown, what are the **y-values** for the **x-values of -2, -1, and 0**?

Write them below.



3



## PREVIEW

4

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$y = 10$ .  
 Show

7                  2                  -2                  -7

- 5 What are the **coordinates** included on the line,  $y = 4x$ , when **x is 0, 1, 2, 3**?

- a. (0, 4), (1, 5), (2, 6), (3, 7)  
 b. (0, 0), (1, 2), (2, 4), (3, 6)  
 c. (0, 0), (4, 1), (8, 2), (12, 3)  
 d. (0, 0), (1, 4), (2, 8), (3, 12)

- 10 What are the **coordinates** included on the line,  $y = 2x - 3$ , when **x is 2, 4, 6**?  
 Write them.



# Slope - Answer Key

Math  
G

Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

1 What is the **equation** of a line with a **slope of 5** and a **y-intercept of -2**?

Circle the answer letter.

a.  $y = -2x + 5$

b.  $y = -5x + 2$

c.  $y = 5x - 2$

2 What is the **equation** of a line that has a **slope of -7** and crosses the **y-axis at the point (0, 5)**?

a.  $y = 5x - 7$

6 What is the **slope** of the line shown?

positive

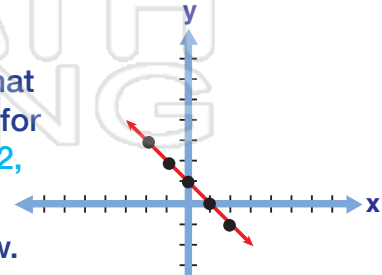
negative

zero

undefined

7 According to the graph shown, what are the **y-values** for the **x-values of -2, -1, and 0**?

Write them below.



3



## PREVIEW

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4

7

2

-2

-7

5 What are the **coordinates** included on the line,  $y = 4x$ , when **x is 0, 1, 2, 3**?

a. (0, 4), (1, 5), (2, 6), (3, 7)

b. (0, 0), (1, 2), (2, 4), (3, 6)

c. (0, 0), (4, 1), (8, 2), (12, 3)

d. (0, 0), (1, 4), (2, 8), (3, 12)

10 What are the **coordinates** included on the line,  $y = 2x - 3$ , when **x is 2, 4, 6**?

Write them.

(2, 1), (4, 5), (6, 9)