



# Slope

Math

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.

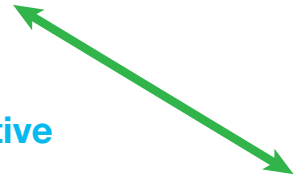
- a.  $y = -2x + 5$
- b.  $y = -5x + 2$
- c.  $y = 5x - 2$

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

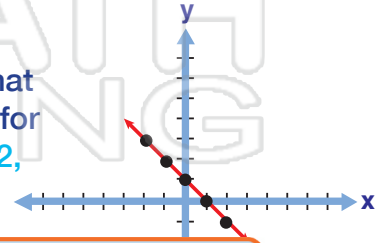
- a.  $y = 5x - 7$

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?



3



## PREVIEW

4

Please [Sign In](#) or [Sign Up](#) to download the printable version of this worksheet

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

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.  $y = 5x - 7$

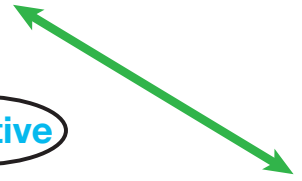
6 What is the **slope** of the line shown?

positive

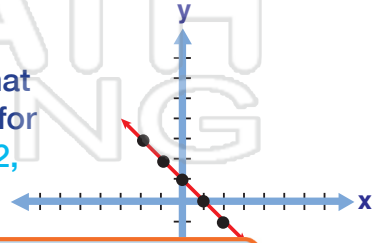
negative

zero

undefined



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



3



## PREVIEW

4

Please [Sign In](#) or [Sign Up](#) to download the printable version of this worksheet

- 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)