



Name _____ Class _____ Date _____

- 1 The graph of the line $x = -3$ is a _____.
- A horizontal line
 - B vertical line
 - C line with a positive slope
 - D line with a negative slope

- 2 The **linear equation**, $y = 3x + 4$, when graphed for the **x-values** 0, 1, and 2 has what **y-values**?
- A -1, -4, -7
 - B 3, 7, 11
 - C 1, 4, 7
 - D 4, 7, 10

- 3 The **linear equation**, $y = x - 8$, when graphed for the **x-values** -1, 0, and 1 has what **y-values**?
- A 9, 8, 7
 - B 7, 8, 9
 - C -9, -8, -7
 - D -7, -8, -9

- 4 The **linear equation**, $2x + 2y = -6$, when graphed for the **x-values** -4, -5, and -6 has what **y-values**?
- A 1, 2, 3
 - B -1, -2, -3
 - C -7, -8, -9
 - D -9, -8, -7



PREVIEW

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- 7
- A $y = \frac{1}{4}x + 6$
- B $y = \frac{1}{4}x + 6$
- C $y = \frac{1}{3}x - 9$
- D $y = \frac{1}{2}x - 2$
-

- B 0
- C 1
- D 3

- 9 What is the **slope** of a line that goes through the points (-3, 4) and (3, 0)?
- A $\frac{3}{2}$
 - B $\frac{2}{3}$
 - C $-\frac{3}{2}$
 - D $-\frac{2}{3}$

- 10 What is the **slope** of a line that goes through the points (-3, 5) and (5, 1)?
- A $-\frac{1}{2}$
 - B -2
 - C -1.5
 - D -5



ANSWER KEY

The graph of the line $x = -3$ is a _____.

- A horizontal line
- B vertical line
- C line with a positive slope
- D line with a negative slope

(b)

The **linear equation**, $y = 3x + 4$, when graphed for the **x-values** 0, 1, and 2 has what **y-values**?

- A -1, -4, -7
- B 3, 7, 11
- C 1, 4, 7
- D 4, 7, 10

(d)

The **linear equation**, $y = x - 8$, when graphed for the **x-values** -1, 0, and 1 has what **y-values**?

- A 9, 8, 7
- B 7, 8, 9
- C -9, -8, -7
- D -7, -8, -9

(c)

The **linear equation**, $2x + 2y = -6$, when graphed for the **x-values** -4, -5, and -6 has what **y-values**?

- A 1, 2, 3
- B -1, -2, -3
- C -7, -8, -9
- D 7, 8, 9

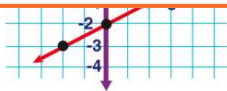
(a)



PREVIEW

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C $y = \frac{1}{3}x - 9$



D $y = \frac{1}{2}x - 2$

D 3

What is the **slope** of a line that goes through the points **(-3, 4)** and **(3, 0)**?

- A $\frac{3}{2}$
- B $\frac{2}{3}$
- C $-\frac{3}{2}$
- D $-\frac{2}{3}$

(d)

What is the **slope** of a line that goes through the points **(-3, 5)** and **(5, 1)**?

- A $-\frac{1}{2}$
- B -2
- C -1.5
- D -5

(a)