**Answer: 0**

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What is the slope?

Line passes through: (0, -8) and (2, 6)

**Answer: 7**

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What is the y-intercept?

y = 6

**Answer: 6**

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True or False: The table below can be represented using the format y = kx.



**Answer: False**

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What is the y-intercept?

2y = 6x + 20

**Answer: 10**

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What is the slope?

Line passes through: (-1, 3) and (0, 0)

**Answer: -3**

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What is the y-intercept?

y = 3x + 2

**Answer: 2**

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What is the constant of variation?



**Answer: -2**

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What is the equation of a line with a y-intercept of 4 and a slope of 5/2?

**Answer: y = 5/2x + 4**

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How is an equation using slope-intercept form written?

**Answer: y = mx + b**

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Suppose y varies directly with x. If x = -5 and y = -15, what is the constant of variation?

**Answer: 3**

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Suppose y varies directly with x. If x = 7.5 and y = 22.5, what is the equation to represent this relationship?

**Answer: y = 3x**

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What is the equation of the following line?



**Answer: y = 2x + 1**

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What is the slope?

-3y = 21x + 9

**Answer: -7**

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What is the equation of a line that has a slope of 3 and goes through (0, 3)

**Answer: y = 3x + 3**

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What is the equation of this direct variation?



**Answer: y = 5/2x**

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True or False: The turtle is NOT traveling at a constant rate? (Hint: Is the rate of change constant?)



**Answer: True**

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How is a direct variation written as an equation?

**Answer: y = kx**

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What is the equation of the following line?



**Answer: y = 1/2x + 1**

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Suppose y varies directly with x. Find the missing value if we know the following information:

(3, 4) (9, ?)

**Answer: 12**

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What is the slope?

y = 6

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_\_\_\_\_\_

**Slope Quiz Review Trail**

Answers:

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**Slope Quiz Review Trail**

Answers:

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