



Name _____ Class _____ Date _____

- 1 To find the **perimeter** of a block that is **500 ft x 700 ft**, what must you know in order to solve the problem?
- A Perimeter = 500×700
 - B Perimeter = $500 + 700$
 - C Perimeter = $2(500) + 2(700)$
 - D Perimeter = $2(500) \times 2(700)$

- 2 In order to change the fraction $\frac{3}{8}$ into a **decimal**, what must you know in order to solve the problem?
- A Eight must be divided by 3.
 - B Three must be divided by 8.
 - C The fraction should be multiplied by 10.
 - D The fraction should be divided by 10.

- 3 In order to solve for the **function**, $y = 2x - 6$ when $x = -4$, what should you know in order to solve the function correctly?
- A Negative 4 is subtracted from 6 first.
 - B Six should be added to y first.
 - C Negative 4 is substituted for y.
 - D

- 4 In order to solve for the probability of picking a **green and then a red** marble out of a bag with **5 green, 6 red, and 3 white** marbles, it is important to know if the events are **dependent or independent**.
- True or false?



PREVIEW

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Equation, $(2)(10) = (2)(10)$. She is correct.

True or false?

- A true
- B false

- A Tax = $(24.99)(.08)$.
- B Tax = $(24.99)(8)$.
- C Tax = $24.99 - .08$.
- D Tax = $24.99 \div 8$.

- 9 Kirk is figuring out how many different pizzas he can make with **thick or thin** crust and **4** different toppings. Which would **not** be a strategy to use to solve this problem?
- A He can count the ways.
 - B He can make a tree diagram.
 - C He can make a visual.
 - D He can add $2 + 4$.

- 10 Jeanette needs to find the **volume** of a pool. She knows the dimensions are **15 ft x 30 ft x 4 ft**. How can she find the volume of the pool?
- A She can add $15 + 30 + 4$.
 - B She can measure the water by hand.
 - C She can use the volume formula.
 - D She can empty the pool.



ANSWER KEY

To find the **perimeter** of a block that is **500 ft x 700 ft**, what must you know in order to solve the problem?

- A Perimeter = 500×700
- B Perimeter = $500 + 700$
- C Perimeter = $2(500) + 2(700)$
- D Perimeter = $2(500) \times 2(700)$

(c)

In order to change the fraction $\frac{3}{8}$ into a **decimal**, what must you know in order to solve the problem?

- A Eight must be divided by 3.
- B Three must be divided by 8.
- C The fraction should be multiplied by 10.
- D The fraction should be divided by 10.

(b)

In order to solve for the **function**, $y = 2x - 6$ when $x = -4$, what should you know in order to solve the function correctly?

- A Negative 4 is subtracted from 6 first.
- B Six should be added to y first.
- C Negative 4 is substituted for y.
- D How to multiply and add

(d)

In order to solve for the probability of picking a **green and then a red** marble out of a bag with **5 green, 6 red, and 3 white** marbles, it is important to know if the events are **dependent or independent**.

True or false?

- A true
- B false

(a)



PREVIEW

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True or false?

- A true
- B false

- B Tax = $(24.99)(8)$.
- C Tax = $24.99 - .08$.
- D Tax = $24.99 \div 8$.

Kirk is figuring out how many different pizzas he can make with **thick** or **thin** crust and **4** different toppings. Which would **not** be a strategy to use to solve this problem?

- A He can count the ways.
- B He can make a tree diagram.
- C He can make a visual.
- D He can add $2 + 4$.

(d)

Jeanette needs to find the **volume** of a pool. She knows the dimensions are **15 ft x 30 ft x 4 ft**. How can she find the volume of the pool?

- A She can add $15 + 30 + 4$.
- B She can measure the water by hand.
- C She can use the volume formula.
- D She can empty the pool.

(c)