

Mathematical processes



Name Class Date



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 x 700
- **B** Perimeter = 500 + 700
- **C** Perimeter = 2(500) + 2(700)
- **D** Perimeter = 2(500) x 2(700)



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.



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





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**.





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.



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.



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Name Class Date To find the perimeter of a block that is In order to change the fraction $\frac{3}{8}$ into a 500 ft x 700 ft, what must you know in decimal, what must you know in order to order to solve the problem? solve the problem? (B) A Perimeter = 500 x 700 A Eight must be divided by 3. **B** Perimeter = 500 + 700 B Three must be divided by 8. **C** Perimeter = 2(500) + 2(700)C The fraction should be multiplied by 10. **D** Perimeter = $2(500) \times 2(700)$ **D** The fraction should be divided by 10. 3 In order to solve for the function, In order to solve for the probability of y = 2x - 6 when x = -4, what should picking a green and then a red marble you know in order to solve the out of a bag with 5 green, 6 red, and 3 function correctly? white marbles, it is important to know if the events are dependent or independent. Negative 4 is subtracted from 6 first 5 D **PREVIEW** Please Sign In or Sign Up to download the printable version of this worksheet **B** Tax = (24.99)(8). True or false? **C** Tax = 24.99 - .08. **D** Tax = $24.99 \div 8$. A true **B** false Kirk is figuring out how many different Jeanette needs to find the volume of a pizzas he can make with thick or thin pool. She knows the dimensions are crust and 4 different toppings. Which 15 ft x 30 ft x 4 ft. How can she find the would not be a strategy to use to solve volume of the pool? this problem? (\mathbf{C}) A She can add 15 + 30 + 4. A He can count the ways. B She can measure the water by hand. B He can make a tree diagram. C She can use the volume formula. C He can make a visual. D She can empty the pool. **D** He can add 2 + 4.