

**Write what the expressions below best represent within the context of the word problem. Mark had 3 times as many quarters as nickels. He had \$1.60 in all. How many nickels and how many quarters did Mark have?  $x$  represents .  $3x$  represents**

$x$  represents the number of nickels,  $3x$  represents the number of quarters, and Mark had 8 nickels and 24 quarters.

What is an expression?

Expression in maths is defined as the collection of numbers variables and functions by using signs like addition, subtraction, multiplication, and division.

Given that Mark had 3 times as many quarters as nickels which means that for each nickel, Mark had 3 quarters. Because the number of quarters depends on the number of nickels, we can form that if Mark had  $x$  nickels, then he had  $3x$  quarters.

Mark had \$ 1.60 in all; which means that by adding the quarters and the nickels, Mark had \$1.60.

$$\$1.60 = 3x + x$$

$$32 = 3x + x; \text{ being } x \text{ the amount of nickels.}$$

Solving the equation,  $32 = 3x + x$ , we obtain:

$$32 = 4x$$

$$x = 32/4 = 8.$$

$$\text{So } x = 8$$

Mark also had 3x quarters, then  $8 \times 3 = 24$  quarters.

In summary, x represents the number of nickels, 3x represents the number of quarters, and Mark had 8 nickels and 24 quarters.

To know more about an expression follow the;

[brainly.com/question/19876186](https://brainly.com/question/19876186)

#SPJ5

Correct Answer:

x represents: Mark's nickels

3x represents: Mark's quarters

1. The sum of two integers is 16 and their difference is 12. What are the numbers?!? 2. Juan is 8 years older than his brother Two. In another 5 years, Juan will be twice as old as Two. How old are they now?

3. A pile of 34 coins is worth \$5.10. There are two nickels and the remainder are quarters and dimes. How many quarters and dimes are there?

A solution has  $[H_3O^+] = 4.2 \times 10^{-5} \text{ M}$ . Use the ion product constant of water  $K_w = [H_3O^+][OH^-]$  to find the  $[OH^-]$  of the solution.

Although coal is sometimes considered a mineral, which criteria of minerals does it violate? . . A. Minerals are solids. . . B. Minerals are natural. . . C. Minerals are inorganic. . . D. Minerals have a definite chemical composition.

The half-life of Co-55 is 175 hours. How much of a 4000 g of Cobalt-55 sample would be left after 525 hours?

Which of these would spread seeds? A

a chipmunk not touching a plant at all as it moves through the forest

B

a squirrel finding an acorn buried in the ground and digging it up to eat

C

a bird getting seeds stuck in its feathers as it moves around the woods

D

a plant's leaves starting to dry up because it doesn't have enough water

PLEASE HURRY!!!!!!!!!!!!!!

Dr. Colbert has suggested to Mariam that she consider increasing her daily intake of foods containing antioxidant vitamins to lower her risk of developing certain age-related diseases. Dr. Colbert's recommendation suggests that she believes \_\_\_\_\_.

John stirs the hot soup with a spoon the heat travels up the spoon to his hand by what process does the heat travel up the spoon

It takes 5.0 J of heat in increase the temp of a sample by 10 degrees Celcius. If the mass is doubled, how much heat in joules will it take to increase the temp by 10.0 degrees.a. 50.0 Jb. 5.0 Jc. 10.0 Jd. 15.0 J

Use the Binomial Theorem and Pascal's Triangle to write each binomial expansion.  $(X + 4)^2$

HELP IN NEED ASAP ):

A standard doorway measures 6 feet 8 inches by 3 feet. What is the largest dimension that will fit through the doorway without bending?

Then length of a rectangle is 5 units longer than its width. which if the following represents its area in square units?  $5x$

$x(5-x)$

$x(x-5)$

$x(x+5)$

$2x+2(x+5)$

Fatima is struggling in her job and is experiencing increased dissatisfaction. She related to you that her manager has been unfair to her because her manager gave a promotion to a coworker who deserved it less than she did. She has also said on numerous occasions that she does not like her manager. Just yesterday, Fatima shared with you that she has started applying for other jobs. You have also been hearing from several other coworkers that she is complaining about her manager to anyone who will listen. Fatima's statement that she does not like her manager reflects? \_\_\_\_\_. A. the cognitive component of her attitude about her manager

B. the evaluation component of her attitude about her manager

C. the affective component of her attitude about her manager

D. cognitive dissonance

E. the behavioral component of her attitude about her manager

Do both plant and animal cells release energy from food (respiration)?

The \_\_\_\_ power supply has a 24-pin main motherboard that resembles a 20-pin p1 connector.

Devin wants to buy a book that costs \$28.99. He has a coupon for 30% off the price of the book. If Devin uses his coupon, about how much money will he save?

A \$0.30 B \$1 C \$9 D \$21

Ten fence posts cost \$92. Mr Bell spent \$276 for fence posts. how many did he buy?

If you are to monitor the number of customers who are not satisfied with your service the following control charts will you use?A. X-bar chart B. p-chart C.

Fishbone chart D Pareto chart

The same physical quantity, such as density, can be reported using different units. Above, you found that water has a density of  $1000\text{kg/m}^3=1\text{g/cm}^3$  . Because the density of water must be the same regardless of what units you use to measure it, you can conclude that an object whose density is  $1\text{ kg/m}^3$  must be less dense than water. In other words,  $1\text{ kg/m}^3$  is less than  $1\text{ g/cm}^3$  . If you had three different objects with densities of  $1\text{ kg/m}^3$  ,  $1\text{ g/m}^3$  , and  $1\text{ kg/mm}^3$  , which object would be the most dense? Rank the given densities from most to least dense. To rank items as equivalent, overlap them.

What is the purpose of presenting a false dilemma in a speech?

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