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.

$1.60 = 3x + x$

$32 = 3x + x$; being x the amount of nickels.

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

$32 = 4x$

$x = 32/4 = 8.$

So $x = 8$

Mark also had 3x quarters, then 8*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

#SPJ5

Correct Answer:

x represents: Mark's nickels

3x represents: Mark's quarters

What is the best measure of the center for the data set: 2,2,2,4,4,5,5,5,7,7,15,17
Which of these demonstrates a major way the oceans help create Earth's climate?
Which term did Mary Ainsworth use for children who are "clingy" and show indifference to their caregiver after they return after an absence?
What is the simplified form of the following expression?$7m^2+6.5n-4n+2.5m^2-n$
Can you help with number 1 please worth 15 points
What term refers to a system in which one branch of government is prevented from seizing too much power? A. Limited government
B. Popular sovereignty
C. Electoral college
D. Checks and balances
In a structured interview, _____. Select one: a. All candidates meet in the same room with the same interviewer b. Each candidate appears before a panel of interviewers c. A set of standardized questions are asked of all job applicants d. Computers are used to devise a set of questions
Who is most likely to determine where an ancient temple was built? A. Anthropologist
B. Historian
C. Archaeologist
$3m + 9 / n$ when m is 4 and n is -3
What is the answer to the problem $5 + 6 (2+3)^2$
What do geographers use for maps, satellite images, and photographs
Elige la respuesta correcta del futuro (irregular). --Mi hermana _____ diversión en el parque.

Question 1 options:

tendrá

tenga

tenerá

tiena

In terms of parliamentary procedure, what is a motion? a. A motion is a formal passing of materials in a clockwise circle b. A motion is a formal call to take some action c. A motion is a formal insistence on following proper etiquette d. A motion is a formal declaration of opposition to a debate

The married lad watched his dad lose his crops, then his wealth, While the hat witnessed worse, constant fleeting of his health.

On the porch until the end, father son simply sat.

Which of these BEST explains the euphemism until the end in this excerpt?

A) The Father died.

B) The Mother died.

C) Father son became ill.

D) The hat finally wore out.

Article II. Each state retains its sovereignty, freedom and independence, and every power, jurisdiction and right, which is not by this confederation expressly delegated to the united states, in congress assembled. Article III. the said states herby severally enter into a firm league of friendship with each other, for their common defence , the security of their liberties, and their mutual and general welfare, binding themselves to assist each other, against all force offered to, or attacks made upon them, or any of them, on account of religion, sovereignty, trade, or any other pretence whatever...

the united states in congress assembled, shall never engage in a war.. nor enter into any treaties or alliances, nor coin money... nor borrow money on the credit of the united states, nor appropriate money, nor agree upon the number of vessels of war to be built or purchased, or the number of land or sea forces to be raised, nor appoint a commander in chief of the army or navy, unless nine states assent approve to the same, nor shall a question on any other point, except for adjourning from day to day, be determined unless by the votes of a majority of the united states in congress assembled

how is the principle of the social contract reflected in the declaration of independence or the articles of confederation?

Given $f(x) = 7x - ?2$ and $g(x) = x + ?2$, find $(f - g)(x)$.

Given m = 4 and n = 6, what is the ratio of m to n.

A 6 meter rope is cut into four pieces with each piece twice as long as the previous one. How long is the longest piece?