

A store sells 12-packs of ballpoint pens for \$1.09 each and composition books for \$2.79 each. Cindy buys m packs of ballpoint pens and n composition books. The store offers a 5% discount for every 50th customer who makes a purchase. If Cindy gets the 5% discount, which expression will represent Cindy's bill? 0.05 ? $1.09m + 2.79n$

$1.05 + 1.09m + 2.79n$

$1.05(1.09m + 2.79n)$

$0.95(1.09m + 2.79n)$

Answer: The expression that represents Cindy's bill is $0.95(1.09m + 2.79n)$.

Step-by-step explanation:

Hi, to find the correct expression we have to analyze the information given:

Packs of ballpoint pens = m

Price of ballpoint pens=\$1.09 each

Composition books= n

Price of composition books = \$2.79 each

Discount 5%

Cindy buys m packs of ballpoint pens and n composition books. To represent this statement in an equation we have to multiply each quantity of the items bought by the price of each item.

So, mathematically speaking

$$1.09m + 2.79n$$

Now, to apply the 5% percent discount we have to multiply the whole expression by 0.95.

$$0.95(1.09m + 2.79n)$$

In conclusion, the expression that represents Cindy's bill is $0.95(1.09m + 2.79n)$.

Feel free to ask for more if it's necessary or if you did not understand something.

The answer would be D.

Since you get a 5% discount you only have to pay 95% of the regular price hence the .95(...

IPL Four materials are put into small containers. These materials are then moved from the small containers into larger containers. Which material will spread out to completely fill a larger container?

air

ice

sand

water

Where is the cell membrane located in cell that do not have cell wall

What process in prophase 1 of meiosis makes every gamete different

Consider what you know about segregation, then think about what conditions exist for minorities today. How have conditions changed? How have conditions stayed the same? Provide examples to justify your statements.

Which statement would most important to include in a summary of the article what is intersectionality

Which of the following statements is TRUE? a. The rate constant does not depend on the activation energy for a reaction where the products are lower in energy than the reactants. b. The addition of a homogeneous catalyst does not change the activation energy of a given reaction. c. Rate constants are temperature dependent. d. None of the above is true. e. A catalyst raises the activation energy of a reaction.

Which of the following is a step that occurs within an inflammatory response

Felix the fox fetches food for four pups. Each pup eats 3 pounds a day. Felix eats 4 pounds a day. What is the total poundage of food for 8 days

Which of the following would not be a characteristic of a nation-state?

Solve system of linear equations which is $y=4x+6$

And $y=2x+2$

Trey's older sister is playing a game with him. she hides the ball they are playing with, and trey quickly loses interest in the game. he makes no attempt to look for the ball and instead picks up another toy that is close by. this suggests that trey has not yet developed:

When and why did McDonald's expand its business to Australia?

What is the easiest to understand formula for solving 30 60 90 special right triangles?

The room numbers on one side of a school corridor are consecutive positive even integers. The product of The room numbers for two adjoining rooms on that side is 7224. Find the room numbers.

Which two innovations are usually attributed to the Hittites?

Two concentric conducting spherical shells produce a radially outward electric field of magnitude $49,000 \text{ N/C}$ at a point 4.10 m from the center of the shells. The outer surface of the larger shell has a radius of 3.75 m . If the inner shell contains an excess charge of $-5.30 \text{ } \mu\text{C}$, find the amount of charge on the outer surface of the larger shell.

Which of the following statements led to the myth that men suffer from heart disease more often than women?

how did the trojan war "make" greek culture? with so many greeks dying in the war, greece was easily conquered. the story of the war provided a common cultural heritage. the war made the greeks realize they needed to be united for protection. when odysseus returned, all of greece rallied around him.

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