PSSA and Keystone Exams Summer 2023 Workshops

PSSA, Grade 7 Math

Bella's Gardening Materials

Handscoring
Training Set 2

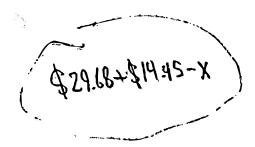
73. Bella bought gardening materials from different stores.

At Garden Mart, Bella bought g packets of geranium seeds, m packets of marigold seeds, and z packets of zinnia seeds. All of the plant seeds were on sale for half price. The expression shown below represents the total cost of the plant seeds Bella bought.

$$\frac{1}{2}(2.48g + 1.74m + 1.96z)$$

A. Write an expression without parentheses that also represents Bella's total cost at Garden Mart.

At Plant World, Bella bought a hose and a shovel. The hose was priced at \$29.68, but Bella had a coupon for x dollars off. The price of the shovel was \$14.45.



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73. Continued. Please refer to the previous page for task explanation.

Bella went to Yard Depot multiple times. Each time she was there, Bella bought a gardening hat and y pairs of gardening gloves. The expression shown below represents the total amount of money, in dollars, Bella spent at Yard Depot.

$$a(by + c)$$

C. Explain what a, b, and c each mean in terms of the situation.

A=The amount of Lines Bella went to Yard Depot

b= The price for one pair of sardening gloves

c = The price for one gardening hat

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C. Explain what a, b, and c each mean in terms of the situation.

In the equation:

to Yard Depot.

B means How many gloves come in each pack of gloves.

C means how many hots she bought.

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$$\frac{1}{2}$$
(2.48 g + 1.74 m + 1.96 z)

A. Write an expression without parentheses that also represents Bella's total cost at

Write an expression without parentheses that also represents Be Garden Mart.

$$\frac{1}{2} + 2,489 + 1,74 + 1,462$$

$$\frac{1}{2} + 68$$

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Explain what a, b, and c each mean in terms of the small money she spent at the store and A is how much meney she had.

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$$(29.68+14.45)-X$$

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The A Louis De the total
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B have be the East for The Years
of abscent aloves And C mould be
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Line.

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C. Explain what a, b, and c each mean in terms of the situation.

The Letters a,b, and c each Mean that they are a Variable. A Variable is a letter that stands for a number if you do not have an answer for how many thems you have bought. You can figure out what the number should be that the variable is standing for by using Addition, Multiplication, subtraction, and division to find the correct answer for the variable.

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A stands for the amount of times she went to the stere.

B stands for the price of the gloves

C stands for the price of the hat,

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C. Explain what a, b, and c each mean in terms of the situation.

A is the money.

B is the hat.

C is show many times she went.

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B. Write an expression to represent how much money, in dollars, Bella spent at Plant World.

\$44.13-X

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a(by + c)

C. Explain what a, b, and c each mean in terms of the situation.

A,B, and C each mean something in the equation. A means how many times bell a went to land Depot. B means the cost of the gardening gloves. C means the cost of the gardening hat. In conclusion, A, B, and, C each mean something in the equation.

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$$\left(\frac{29.68}{x}\right) + 14.45 = m(3)$$

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$$a(by + c)$$

C. Explain what a, b, and c each mean in terms of the situation.

In the equation a is the total number of times bella went to Yard Depotations. He price of one pair of gardening gloves. Lastly is the price of the gardening hat, when these are plugged into the equation one an solve it are the total amount of money Bella spent at

PSSA Math: Bella's Gardening Materials (Grade 7); Training Set 2

Item: Bella's Gardening Materials

Grade: 7

Subject: Math

Name		
Number	Score	Notes
T2-1		
T2-2		
T2-3	S.	
T2-4		
T2-5		
T2-6		
T2-7		
T2-8		
T2-9		
T2-10		