PSSA and Keystone Exams Summer 2023 Workshops

PSSA, Grade 7 Math

Bella's Gardening Materials

Handscoring Practice Set 2*

*Responses in this set do not have true scores. Apply scores based on scoring criteria.

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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.

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

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.

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.

$$a = Money$$
 $b = Nat$
 $y = number of gloves$
 $c = gloves$

-

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

(12 how many times Bella was there

b= .cost of each pair of gloves C= garden hat cost

A is the amount of times Bolla was at the stores, and I monthis because it is multiplying all of the costs. B is the cost of each pair of glives because it is multipling by the pairs of gloves. Cis the garden but cost because it s what she also bought. ř

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

\$44.13

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$$(29.68 - \chi) + 14.45$$

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$$a(by + c)$$

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

a=how many times Bella went to Yard Depot.

b = How many pairs of gardeing glores she bought.

C=a gardening hat.

H

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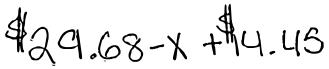
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(2.48 g + 1.74 m + 1.96 z)

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

1.24g+0.87m+0.892

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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a(by + c)

A. (Bolte)

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

A means Amount to be Paided

Breans Borgans of Cylores

C means Flowers to Plant

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C. Explain what a, b, and c each mean in terms of the situation. c_{∞} In the terms of the situation, a stands how many three Bulla went to Yord Depot, 10 stands for how much money each pair of gloves were, and c stands for how much the gardening hat costs. I figured out because after a slood for the times she went upin add how much everything was the items in parenthese ((1), you need to multiply it by many times she went. For varible b I figured out that since you didn't tunow how much each pair of gloves were (4) you would need to writibly the cost of one set icil hom Many sets she bought, Lastly. I found out what c was because since she only bought one gardening hat, per trip, there would only the one price. Plus to And the total price of everything would need the price of the had, so a was the only choice,

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

In this situation "a" north represent how many times bella went to land Depot.

"b" would represent the gardening hat and gardening gloves hastly "c" would represent the cost of the gardening but and gloves bought.

If you were to solve this equation, you could figure out how much Bella spent and land Depot.

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of the gardening gloves and c
Stands for the gardening hat.

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

PRACTICE SET 2*

Subject: Math Item: Bella's Gardening Materials Grade:7

Name			
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Number	Score	Consensus	Notes
P2-1	<u> </u>		
P2-2			
P2-3			
P2-3	<u> </u>		
P2-4	1		
P2-5			
D2 6			
P2-6	<u> </u>		
P2-7	<u> </u>		1
P2-8			
D2 0			
P2-9			
P2-10			

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