PSSA and Keystone Exams Summer 2023 Workshops

PSSA, Grade 7 Math

Bella's Gardening Materials

Handscoring Training Set 1

┝

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.

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

let x = dollars off the price of the hose let y = how much money Bella spent of Planet World.

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 $q'_{1/b}$, and c each mean in terms of the situation. let a = the amount of times Bella went to Yard Depot. let b= the cost of each pair of gardening gloves. let c= the cost of the gardening hat Bella bought.

H

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.

$$\frac{1}{2} \cdot 6.18 = 3.09$$

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.

H

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

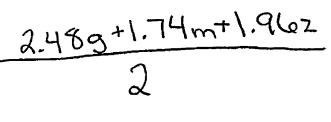
Bella went to Yard Depot multiple times. Each time she was there, Bella bought a gardening hat and y pairs of gardening gloves. The expression shown below represents the total amount of money, in dollars, Bella spent at Yard Depot, a(by + c)C. Explain what a, b, and c each mean in terms of the situation. A means each time she was at Yard De pot: B means price of a pair of gardening gloves, C means the gardening hat.

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.

H

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.

what a, b, and c mean in terms of the situation is the price of each item and the amount of times Bella went in an algebraic expression. One variable for the amount of times she went to Yard Depot, one variable for the Yard Depot, one variable for the cost of the gardening hats, and one variable for the price of the gardening gloves.

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.

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.

H

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.

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. The variable a is how many times Bella went to Yard The variable b is how much each pair of gardening gloves costs. (in dollars) The variable c is how much the gardening hast costs. The variable c is how much the gardening hast costs. (in dollars)

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.

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 mean amount I know that because amount starts with a, Brean bought because its how many things she bought Cmeans Cost because its the cost of what the gloves are.

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.

PSSA Math: Bella's Gardening Materials (Grade 7); Training Set 1

F

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, B, and C stand for all the seperate amount of times Bello went to Vard Depot. She may we nod a different price) time so Yeu cannot make it all Under e volvicible. Each A, B, a stand for each differen 13, and he she went

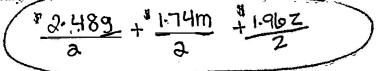
1

73. Bella bought gardening materials from different stores.

At Garden Mart, Bella bought g packets of geranium seeds, m packets of marigoid 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.

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" stands for how many times Bella went to Yard Depot because she bought the same things each time. "b" stands for the price of the pairs of gardening gloves that she bought. "E" stands for the cost of the gardening hot she bought each time she went to Yard Depot.

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.

1.24g+ 87m+,982=X

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. B. Write an expression to represent how much money, in dollars, Bella spent at Plant World. 29.68714.45

h

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. C meens the cost of I tall. A means the amount of I tens got. E means Now much she got.

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.

4

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.

It terms of this situation a is the number of times Bella What to Yard Deport, b is the price of the gardening gloves, and c is the price of the gardening hert.

PSSA Math: Bella's Gardening Materials (Grade 7); Training Set 1

Subject:	Math	Item: Bella's Gardening Materials	Grade:7
Name			
Number	Score	Notes	
T1-1			
T1-2			
T1-3			
T1-4			
T1-5			
T1-6			
T1-7			
T1-8			
T1-9			
T1-10	Ņ		

ł