**Grade 7 Bella’s Gardening Materials – Training Set 2 Annotations**

**T2-1 Score 4**

Part A: The student provided a correct expression (*$1.24g + $.87m + $.98z*) by multiplying each term inside the parentheses by $\frac{1}{2}$. [1 point]

Part B: The student provided a correct expression (*$29.68 + $14.45 – x*) by adding the price of the hose (29.68) to the price of the shovel (14.45) and subtracting the value of the coupon (*x*). [1 point]

Part C: The student provided 3 correct and complete explanations (*a = The amount of times Bella went to Yard Depot, b = The price for one pair of gardening gloves, c = The price for one gardening hat*). [2 points]

**T2-2 Score 2**

Part A: The student provided a correct expression (*1.24g + 0.87m + 0.98z*) by multiplying each term inside the parentheses by $\frac{1}{2}$. [1 point]

Part B: The student provided a correct expression (*$29.68 – x + $14.45*) by subtracting the value of the coupon (*x*) from the price of the hose (29.68) and then adding the price of the shovel (14.45). [1 point]

Part C: The student provided 1 correct and complete explanation (*A means how many times she went to the Yard Depot*). [0 points]

**T2-3 Score 0**

Part A: The student provided an incorrect answer in the form of an equation ($\frac{1}{2}$ *+ 2.48g + 1.74m + 1.96z = 6.68*). The student did not multiply any of the terms by $\frac{1}{2}$. [0 points]

Part B: The student provided an incorrect answer in the form of an equation (*50 + 2.48 + 1.74 + 1.96 = $56.18*). Any answer written in the form of an equation receives no credit since the prompt states “write an expression.” [0 points]

Part C: The student did not provide any correct explanations. [0 points]

**T2-4 Score 1**

Part A: The student provided an incorrect expression (*1.24 + 0.87 + 0.98*). While the student did multiply each numerical value by $\frac{1}{2}$, all three variables are missing, thus making the expression incorrect. [0 points]

Part B: The student provided a correct expression [*(29.68 + 14.45) – x*] by adding the price of the hose (29.68) to the price of the shovel (14.45) and subtracting the value of the coupon (*x*). [1 point]

Part C: The student did not provide any correct explanations. [0 points]

**T2-5 Score 1 MU (Minimal Understanding)**

Part A: The student provided an incorrect expression (*2.48g + 1.74m + 1.96z × .5*). The student did not multiply the 2.48g or the 1.74m by .5. [0 points]

Part B: The student provided an incorrect answer in the form of an equation (*29.68 + 14.45 – x = Total cost*). Although the expression contained on the left-hand side of the equation is correct, no credit is awarded because it is embedded in an equation. [0 points]

Part C: The student provided 1 correct and complete explanation (*The A would be the total number of times she was there*). The explanation provided for *b* (*The B would be the cost for the Y pairs of gardening gloves*) is insufficient for credit as it does not clearly state that *b* is the cost of “each” pair of gloves. The explanation provided for *c* (*C would be the garden hat that she buys every time*) is insufficient for credit as it does not state that *c* is the “cost” of one hat. [0 points]

No credit has been awarded in any part. However, the student demonstrated minimal understanding of representing expressions in equivalent forms. Credit is awarded for minimal understanding either in Part B for the equation that contains the correct expression (*29.68 + 14.45 – x = Total Cost*), or in Part C for 1 correct and complete explanation.

**T2-6 Score 0**

Part A: The student provided an incorrect expression (*2.48g + 1.74m + 1.96z ÷ 2*). The student did not multiply the 2.48g or the 1.74m by $\frac{1}{2}$. [0 points]

Part B: The student provided an incorrect expression (*29.68h ÷ × + 14.45s*). [0 points]

Part C: The student did not provide any correct explanations. [0 points]

**T2-7 Score 3**

Part A: The student provided a correct expression (*1.24g + 0.87m + 0.98z*) by multiplying each term inside the parentheses by $\frac{1}{2}$. [1 point]

Part B: The student provided a correct expression (*29.68 – x + 14.45*) by subtracting the value of the coupon (*x*) from the price of the hose (29.68) and then adding the price of the shovel (14.45). [1 point]

Part C: The student provided 2 correct and complete explanations *(A stands for the amount of times she went to the store, C stands for the price of the hat*). The explanation provided for *b* (*B stands for the price of the gloves*) is insufficient for credit as it does not clearly state that *b* is the cost of “each” pair of gloves. [1 point]

**T2-8 Score 1**

Part A: The student provided a correct expression (*1.24g + 0.87m + 0.98z*) by multiplying each term inside the parentheses by $\frac{1}{2}$. [1 point]

Part B: The student provided an incorrect answer in the form of an equation (*$29.68 - $14.45 = 15.23*). Any answer written in the form of an equation receives no credit since the prompt states “write an expression.” [0 points]

Part C: The student did not provide any correct explanations. [0 points]

**T2-9 Score 2**

Part A: The student provided an incorrect expression (*3.09gmz*). [0 points]

Part B: Part B: The student provided a correct expression (*$44.13 – x*) by adding the price of the hose to the price of the shovel (29.68 + 14.45 = 44.13) and subtracting the value of the coupon (*x*). [1 point]

Part C: The student provided 2 correct and complete explanations *(A means how many times Bella went to Yard Depot, C means the cost of the gardening hat*). The explanation provided for *b* (*B means the cost of the gardening gloves*) is insufficient for credit as it does not clearly state that *b* is the cost of “each” pair of gloves. [1 point]

**T2-10 Score 3**

Part A: The student provided a correct expression (*1.24g + 0.87m + 0.98z*) by multiplying each term inside the parentheses by $\frac{1}{2}$. [1 point]

Part B: The student provided an incorrect answer in the form of an equation [*(*$\frac{29.68}{x}$*) + 14.45 = m($)*]. Any answer written in the form of an equation receives no credit since the prompt states “write an expression.” [0 points]

Part C: The student provided 3 correct and complete explanations *(a is the total number of times Bella went to Yard Depot, b is the price of one pair of gardening gloves, c is the price of the gardening hat*). [2 points]