

Name _____

Date _____

Rewriting Expressions - Guided Lesson Explanation

Explanation#1

William could find the cost of each variety of fish and then add to find the total.

$$T = 2.50g + 2.50s$$

Or William could recognize that multiplying 2.50 by the total number of fish (regardless of variety) will give the same total. Since the cost is the same.

$$T = 2.50(g + s)$$

Both expressions are acceptable.

Explanation#2

To find the total wage, first multiply the number of hours Michael worked by 12. Then, multiply the number of hours Aiden worked by 12. Add these two values with the \$30 overtime to find the total wages for the week.

The student would write the expression $12M + 12A + 30$.

Explanation#3

Daniel height is 5 feet and his height increases by 5%

So his height will be = 5×1.05

Answer is: 5.25 feet.

