Question: In a 8 fluid ounce bottle of Vitamin Water, there are 125 calories. How many calories would be contained in a 12 fluid ounce bottle?

Cot Response

Let's break it down step by step:
1. **Calculate the calories per ounce**:
   - In a 8 fluid ounce bottle, there are 125 calories.
   - Therefore, the calories per ounce are:

$$\frac{125}{8} = 15.625 \text{ calories per ounce}$$

2. **Calculate the calories in a 12 fluid ounce bottle**:
   - Multiply the calories per ounce by the number of ounces:

$$15.625 \times 12 = 187.5 \text{ calories}$$

3. **Final answer**:
   - The answer is 187.5.

Self-talk Response

Let's think deeply about the question.
We need to determine how many calories would be contained in a 12 fluid ounce bottle of Vitamin Water.
First, let's calculate the number of calories in a 12 fluid ounce bottle.
We know that there are 125 calories in an 8 fluid ounce bottle. To find the number of calories in a 12 fluid ounce bottle, we multiply the number of ounces by the number of calories per ounce:

$$12 \times 125 = 1500$$

Wait, let's check this calculation. Oops, that's not quite right. The calculation should be based on the ratio of ounces, not multiplying by 125 directly. The correct approach is to find the number of calories per ounce by dividing the total calories by the number of ounces in the bottle:

$$\frac{125}{8} = 15.625$$

Now, let's calculate the calories in a 12 fluid ounce bottle using the correct ratio:

$$12 \times 15.625 = 187.5$$

Looks good! The calculation is now based on the correct ratio, and the result is accurate.
Answer: The answer is 187.5.