

## Answer on Question #62953 – Math – Algebra

### Question

7. INSECTICIDE SPRAY - LIQUID SOLUTION

mix with water

Directions:

Mix 20 ML per 500 ML of water

Shake well

Total volume: 250 ML

HOW MUCH INSECTICIDE SHOULD BE MIXED WITH 750 MILLILITERS (ML) OF WATER?

- A. 25 ML
- B. 27 ML
- C. 30 ML
- D. 40 ML
- E. 45 ML

### Solution

$$\frac{x}{750} = \frac{20}{500} \rightarrow x = 750 \frac{20}{500} = \frac{750 \cdot 20}{500} = \frac{150}{5} = 30 \text{ (mL)}.$$

**Answer:** C. 30 mL