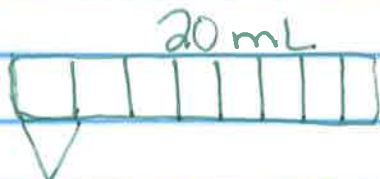


M4.L24 - Word Problems

① One dose is 2.5 mL

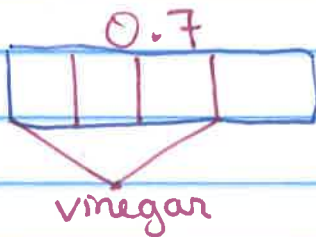


$$? = 2\frac{1}{2} = 2.5$$

$$\frac{1}{8} \text{ of } 20 = \frac{1 \times 20}{8} = \frac{5}{2}$$

$$2\frac{1}{2} = 2\frac{5}{10} = 2.5$$

② There are $\frac{21}{40}$ l or 0.525 l of vinegar.



$$\frac{3}{4} \text{ of } 0.7$$

$$\frac{3}{4} \times \frac{7}{10} = \frac{21}{40} = \frac{525}{1000}$$

$$\frac{3}{4} = \frac{75}{100} \quad \times \quad \frac{7}{10} \text{ tenth}$$

$$525 \text{ thousandths} = 0.525$$

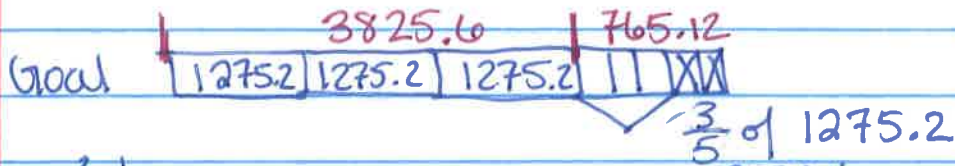
$$\begin{array}{r} 0.525 \\ 40 \overline{) 21.000} \\ \underline{- 0} \\ 210 \\ \underline{- 200} \\ 100 \\ \underline{- 80} \\ 200 \\ \underline{- 200} \\ 0 \end{array}$$

④ _____ m of cloth is needed.

Now: $\boxed{1275.2}$

$$1275.2 \times \left(3\frac{3}{5}\right) \frac{36}{510}$$

$$\times 3.6$$



$$\begin{array}{r} 1275.2 \text{ tenths} \\ \times \quad 3 \\ \hline 3825.6 \end{array}$$

$$\frac{3}{5} \times \frac{255.04}{1} = \frac{765.12}{1}$$

$$\begin{array}{r} 3825.60 \\ + 765.12 \\ \hline 4590.72 \end{array}$$

$$\begin{array}{r} 1275.2 \text{ tenth} \\ \times \quad 3.6 \text{ tenth} \\ \hline 76512 \\ 382560 \\ \hline 4590.72 \end{array}$$