

November 13

Day 5

Unit by ♥

mass

$$1000g = 1 \text{ Kg}$$

$$1000mg = 1g$$

length

$$1000m = 1 \text{ Km}$$

$$100cm = 1m$$

$$10mm = 1cm$$

volume

$$1000 \text{ mL} = 1 \text{ L}$$

$$1000 \text{ cm}^3 = 1 \text{ L}$$

$$1 \text{ mL} = 1 \text{ cm}^3 = 1 \text{ cc}$$

cm^3

O.A. 18.3 peso = 1 ~~dollar~~ dollar

Convert 20. dollars to peso

$$? \text{ peso} = \frac{20. \text{ dollars} \cdot 18.3 \text{ pesos}}{1 \text{ dollar}} = 366 \text{ pesos}$$

2 SF

370 pesos

Convert 15.5 gal to L

$$\begin{array}{l} ? \text{ L} = 15.5 \text{ gal} \left| \frac{4 \text{ qt}}{1 \text{ gal}} \right| \frac{946 \text{ mL}}{1 \text{ qt}} \left| \frac{1 \text{ L}}{1000 \text{ mL}} \right. \\ \quad \quad \quad \nearrow \quad \quad \quad \searrow \\ \quad \quad \quad 35\% \end{array}$$

\approx 58.7 L

Convert 18.85 pesos/L to dollars/gal

$$\begin{array}{l} ? \text{ dollars} \\ \text{gal} \end{array} = \frac{18.85 \text{ pesos}}{\text{L}} \left| \frac{1 \text{ dollar}}{18.3 \text{ pesos}} \right| \frac{1 \text{ L}}{1000 \text{ mL}} \left| \frac{946 \text{ mL}}{1 \text{ qt}} \right| \frac{4 \text{ qt}}{1 \text{ gal}}$$

3.898 dollars/gal