

$$1.00 \frac{\text{g}}{\text{mL}}$$

$$55 \frac{\text{miles}}{\text{hr}}$$

$$1.00 \text{ g} = 1 \text{ mL}$$

$$55 \text{ miles} = 1 \text{ hr}$$

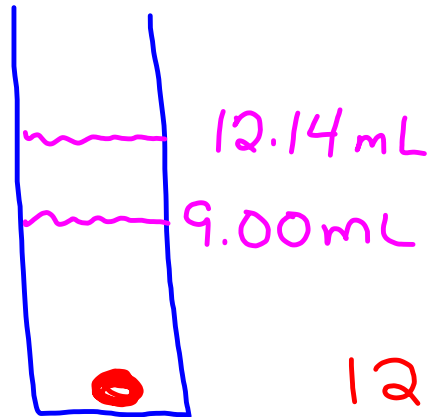
2.

$$\frac{21.49 \text{ g}}{21.5 \text{ mL}} =$$

$$\begin{array}{r} \overset{1}{0}.\overset{1}{9}\overset{1}{9}\overset{1}{9}\overset{1}{5} \text{ g} \\ \hline \text{mL} \end{array}$$

$$\begin{array}{r} 1.00 \text{ g} \\ \hline \text{mL} \end{array}$$

3.



$$\begin{array}{r} 12.14 \text{ mL} \\ - 9.00 \text{ mL} \\ \hline 3.14 \text{ mL} \end{array}$$

$$\frac{9.18 \text{ g}}{3.14 \text{ mL}} =$$

$$\frac{2.923566879 \text{ g}}{\text{mL}}$$

2.92 g/mL

SG

$$\frac{2.92 \frac{\text{g}}{\text{mL}}}{1.00 \frac{\text{g}}{\text{mL}}} = 2.92$$

$$\begin{array}{r}
 4. \quad 23.463 \text{ g air} \\
 - \quad 21.374 \text{ g water} \\
 \hline
 \end{array}$$

$$2.089 \text{ g}$$

$$2.089 \text{ mL}$$

$$\begin{array}{r}
 23.463 \text{ g} \\
 \hline
 2.089 \text{ mL} \quad \div
 \end{array}$$

$$\begin{array}{r}
 11.2317 \text{ g} \\
 \hline
 11.23 \text{ g} \quad \frac{\text{g}}{\text{mL}}
 \end{array}$$

9.

$$\frac{3.82 \times 10^4 \cancel{\text{g}} \times 1 \text{ mL}}{0.86 \cancel{\text{g}}} = \text{mL}$$

$$0.86 \text{ g} = 1 \text{ mL}$$

$$4.4 \times 10^4 \text{ mL}$$

$$4.44 \times 10^4$$