

Noteset 0F (Part 2)

Solving for Density

Solving for Density

$$D = \frac{m}{V}$$

Solve for D

$$V \cdot D = \frac{m}{\cancel{V}} \cdot \cancel{V}$$

$$m = V \cdot D$$

Solve for m

$$\frac{m}{D} = \frac{V \cdot \cancel{D}}{\cancel{D}}$$

$$V = \frac{m}{D}$$

Solve for V

Picking Density Eqn

$$D = \frac{m}{V}$$

Solve for D

$$m = V \cdot D$$

Solve for m

$$V = \frac{m}{D}$$

Solve for V

Pick eqn
examples

$$V = 2.9 \text{ mL}$$
$$D = 0.5 \text{ g/mL}$$

Solve for m

Units (normal)

$$D = \frac{\text{g}}{\text{mL}} \quad m = \text{g} \quad V = \text{mL}$$