

TH-6C General Chemistry 9/22 Week 3

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

Nate's NoNuts

Find density

mass: 28.4 kg
volume: 236 mL

$$D = \frac{28.4 \text{ kg}}{236 \text{ mL}} = \boxed{0.120 \text{ kg/mL}}$$

Mass: 8.23 kg
density: 5.30 kg/mL

$$V = \frac{8.23 \text{ kg}}{5.30 \text{ kg/mL}} = \boxed{1.55 \text{ mL}}$$

Volume

$$\boxed{D} = \frac{M}{\boxed{V}}$$

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

$$\boxed{4} = \frac{12}{\boxed{3}}$$

$$3 = \frac{12}{4}$$