

Density = mass / volume

Remember:

- Units of mass: grams, kg, etc.
- Units of volume: cm^3 , mL, L, etc.
- $\text{mL} = \text{cm}^3$ (for this class!)
- Density is temperature dependent
- Make sure units are correct!

Most Common Density Units:

- Units for **liquid** density: g / mL
- Units for **solid** density: g / cm^3
- Units for **gas** density: g / L

Remember:

- If you have two of these three values

mass, volume or density

you may determine the missing value:

density = mass / volume

mass = density * volume

volume = mass / density