

CHEMISTRY FORMULAS

① Density (D)

$$D = \frac{\text{mass}}{\text{volume}}$$

② Kelvin (K) - unit of temperature

$$K = ^\circ\text{C} + 273$$

ex) $25^\circ\text{C} = ? \text{ K}$

$$25^\circ\text{C} + 273 = \boxed{298 \text{ K}}$$

③ Percent Error - tells you how "bad" your lab results are in comparison to known value

* High percent error = bad results

* Low percent error = good results

$$\% \text{ error} = \left| \frac{\text{Accepted} - \text{Experimental}}{\text{Accepted}} \right| \times 100$$