

Information for Exam 1

1 kg = 1000 g	1 L = 1000 mL	1 km = 1000 m
1 g = 1000 mg (milligram)	1 L (liter) = 1000 mL (milliliter)	1 m (meter) = 100 cm (centimeter)
28.35 g = 1 ounce (oz)	1 L = 1.057 quart	1 cm = 10 mm (millimeter)
453.6 g = 1 pound (lb)	1 mL = 1 cm ³	1 inch = 2.54 cm
$Density = \frac{mass}{volume}$		

Some Polyatomic Ions

Name	Formula	Name	Formula
ammonium	NH ₄ ⁺	hydroxide	OH ⁻
sulfate	SO ₄ ²⁻	sulfite	SO ₃ ²⁻
nitrate	NO ₃ ⁻	nitrite	NO ₂ ⁻
CO ₃ ²⁻	carbonate	bicarbonate (aka hydrogen carbonate)	HCO ₃ ⁻
PO ₄ ³⁻	phosphate	chromate	CrO ₄ ²⁻
chlorate	ClO ₃ ⁻	chlorite	ClO ₂ ⁻
cyanide	CN ¹⁻	peroxide	O ₂ ²⁻
acetate	C ₂ H ₃ O ₂ ⁻	permanganate	MnO ₄ ⁻

Inorganic Nomenclature Flow Chart

