

It is vital as a chemistry student that you know the formulas of common substances. Here is a list of substances whose formulas you should know at all times.

Elements				Compounds	
Al	aluminium	Mg	magnesium	NH ₃	ammonia
Ar	argon	Hg	mercury	CaCO ₃	calcium carbonate
Br ₂	bromine	Mg	magnesium	CO	carbon monoxide
Ca	calcium	Ne	neon	CO ₂	carbon dioxide
C	carbon	Ni	nickel	CuSO ₄	copper sulfate
Cl ₂	chlorine	N ₂	nitrogen	HCl	hydrochloric acid
Cr	chromium	O ₂	oxygen	CH ₄	methane
Co	cobalt	P ₄	phosphorus	HNO ₃	nitric acid
Cu	copper	Pt	platinum	NO	nitrogen monoxide
F ₂	fluorine	K	potassium	NO ₂	nitrogen dioxide
Au	gold	Si	silicon	NaCl	sodium chloride
He	helium	Ag	silver	NaOH	sodium hydroxide
H ₂	hydrogen	Na	sodium	SO ₂	sulfur dioxide
I ₂	iodine	S ₈	sulfur	H ₂ SO ₄	sulfuric acid
Fe	iron	Sn	tin	H ₂ O	water
Pb	lead	Ti	titanium		
Li	lithium	Zn	zinc		