

Metallic elements				
Name	Chemical Symbol	Physical state @room temp and pressure	Particles found in the substance	Symbol to represent the substance
sodium		solid	atoms	
potassium		solid	atoms	
magnesium		solid	atoms	
calcium		solid	atoms	
barium		solid	atoms	
aluminium		solid	atoms	
lead		solid	atoms	
copper		solid	atoms	
iron		solid	atoms	
silver		solid	atoms	
zinc		solid	atoms	
gold		solid	atoms	
mercury		liquid	atoms	

Non-metallic elements				
Name	Chemical Symbol	Physical state @room temp and pressure	Formula to represent the substance	Types of particles present in the substance
hydrogen		Gas		molecules
helium		Gas		atoms
neon		Gas		atoms
argon		Gas		atoms
chlorine		Gas		molecules
bromine		Liquid		molecules
iodine		Solid		molecules

astatine		Solid		molecules
nitrogen		Gas		molecules
oxygen		Gas		molecules
phosphorus		Solid		molecules
sulfur		Solid		molecules

Non-metallic elements				
Name	Chemical Symbol	Physical state @room temp and pressure	Formula to represent the substance	Types of particles present in the substance
hydrogen	H	Gas	H ₂	
helium	He	Gas	He	
neon	Ne	Gas	Ne	
argon	Ar	Gas	Ar	
xenon	Xe	Gas	Xe	
fluorine	F	Gas	F ₂	
chlorine	Cl	Gas	Cl ₂	
bromine	Br	Liquid	Br ₂	
iodine	I	Solid	I ₂	
astatine	At	Solid	At ₂	
nitrogen	N	Gas	N ₂	
oxygen	O	Gas	O ₂	
phosphorus	P	Solid	P ₄	
sulfur	S	Solid	S ₈	