

ALKALI METALS					
Element Name	Element Symbol	Lewis Dot Diagram	# Valence Electrons	Ionic Charge	
Lithium	Li	Li [•]	1	1+	
Sodium	Na	Na [•]	1	1+	
Potassium	K	K [•]	1	1+	
Rubidium	Rb	Rb [•]	1	1+	
Cesium	Cs	Cs [•]	1	1+	
Francium	Fr	Fr [•]	1	1+	

HALOGENS					
Element Name	Element Symbol	Lewis Dot Diagram	# Valence Electrons	Ionic Charge	
Fluorine	F	F ^{••}	7	1-	
Chlorine	Cl	Cl ^{••}	7	1-	
Bromine	Br	Br ^{••}	7	1-	
Iodine	I	I ^{••}	7	1-	
Astatine	At	At ^{••}	7	1-	

ALKALINE EARTH METALS					
Element Name	Element Symbol	Lewis Dot Diagram	# Valence Electrons	Ionic Charge	
Berilium	Be	Be ^{••}	2	2+	
Magnesium	Mg	Mg ^{••}	2	2+	
Calcium	Ca	Ca ^{••}	2	2+	
Strontium	Sr	Sr ^{••}	2	2+	
Barium	Ba	Ba ^{••}	2	2+	
Radium	Ra	Ra ^{••}	2	2+	

NOBLE GASES					
Element Name	Element Symbol	Lewis Dot Diagram	# Valence Electrons	Ionic Charge	
Helium	He	He ^{••}	8	-	
Neon	Ne	Ne ^{••}	8	-	
Argon	Ar	Ar ^{••}	8	-	
Krypton	Kr	Kr ^{••}	8	-	
Xenon	Xe	Xe ^{••}	8	-	
Radon	Rn	Rn ^{••}	8	-	