Elements To Memorize

	IA	IIA	IIIB	IVB	VB	VIB	VIIB	VIII			IB	IIB	IIIA	IVA	VA	VIA	VIIA	VIIIA
1	1 **H** Hydrogen 1+, 1-																	2 **He** Helium —
2	3 **Li** Lithium 1+	4 **Be** Beryllium 2+				6 **C** Carbon 4-							5 **B** Boron 3+	6 **C** Carbon 4-	7 **N** Nitrogen 3-	8 **O** Oxygen 2-	9 **F** Fluorine 1-	10 **Ne** Neon —
3	11 **Na** Sodium 1+	12 **Mg** Magnesium 2+											13 **Al** Aluminum 3+	14 **Si** Silicon 4-	15 **P** Phosphorus 3-	16 **S** Sulfur 2-	17 **Cl** Chlorine 1-	18 **Ar** Argon —
4	19 **K** Potassium 1+	20 **Ca** Calcium 2+				24 **Cr** Chromium 2+, 3+	25 **Mn** Manganese 2+, 3+	26 **Fe** Iron 2+, 3+	27 **Co** Cobalt 2+, 3+	28 **Ni** Nickel 2+	29 **Cu** Copper 1+, 2+	30 **Zn** Zinc 2+			33 **As** Arsenic 3-	34 **Se** Selenium 2-	35 **Br** Bromine 1-	36 **Kr** Krypton —
5	37 **Rb** Rubidium 1+	38 **Sr** Strontium 2+									47 **Ag** Silver 1+	48 **Cd** Cadmium 2+		50 **Sn** Tin 2+, 4+	51 **Sb** Antimony 3+, 5+	52 **Te** Tellurium 2-	53 **I** Iodine 1-	54 **Xe** Xenon —
6	55 **Cs** Cesium 1+	56 **Ba** Barium 2+	57 **La** Lanthanum								79 **Au** Gold 3+	80 **Hg** Mercury 1+*, 2+		82 **Pb** Lead 2+, 4+	83 **Bi** Bismuth 3+, 5+			86 **Rn** Radon —
7		88 **Ra** Radium	89 **Ac** Actinium									* Hg_2^{2+}						

Atomic Number
Symbol
Name
Charges

Lanthanides														
Actinides			92 **U** Uranium											