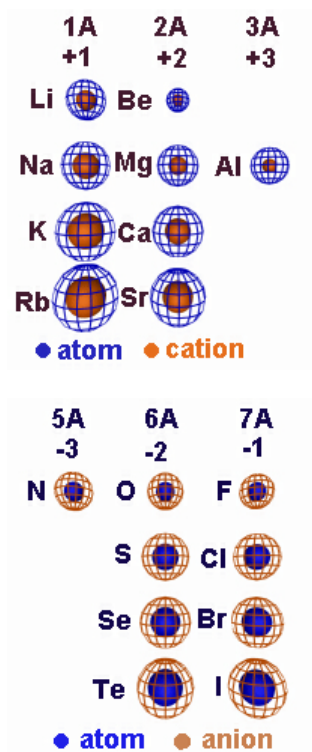


# Ionic Radii



Cations are smaller than their atoms, and anions are larger than their atoms.

Li	1.52	Be	1.11			N	0.75	O	0.73	F	0.71
Li <sup>1+</sup>	0.60	Be <sup>2+</sup>	0.31			N <sup>3-</sup>	1.71	O <sup>2-</sup>	1.40	F <sup>1-</sup>	1.36
Na	1.86	Mg	1.60	Al	1.43			S	1.04	Cl	0.99
Na <sup>1+</sup>	0.95	Mg <sup>2+</sup>	0.65	Al <sup>3+</sup>	0.50			S <sup>2-</sup>	1.84	Cl <sup>1-</sup>	1.81
K	2.27	Ca	1.97					Se	1.17	Br	1.14
K <sup>1+</sup>	1.33	Ca <sup>2+</sup>	0.99					Se <sup>2-</sup>	1.98	Br <sup>1-</sup>	1.95
Rb	2.48	Sr	2.15					Te	1.37	I	1.33
Rb <sup>1+</sup>	1.48	Sr <sup>2+</sup>	1.13					Te <sup>2-</sup>	2.21	I <sup>1-</sup>	2.16

Atomic and Ionic Radii (Å) of Selected Main Group Elements