

TABLE 8.1 Successive Values of Ionization Energies for the Elements Sodium through Argon (kJ/mol)						
Element	IE <sub>1</sub>	IE <sub>2</sub>	IE <sub>3</sub>	IE <sub>4</sub>	IE <sub>5</sub>	IE <sub>6</sub>
Na	496	4560				
Mg	738	1450	7730			
Al	578	1820	2750	11,600		
Si	786	1580	3230	4360	16,100	
P	1012	1900	2910	4960	6270	22,200
S	1000	2250	3360	4560	7010	8500
Cl	1251	2300	3820	5160	6540	9460
Ar	1521	2670	3930	5770	7240	8780

Core electrons

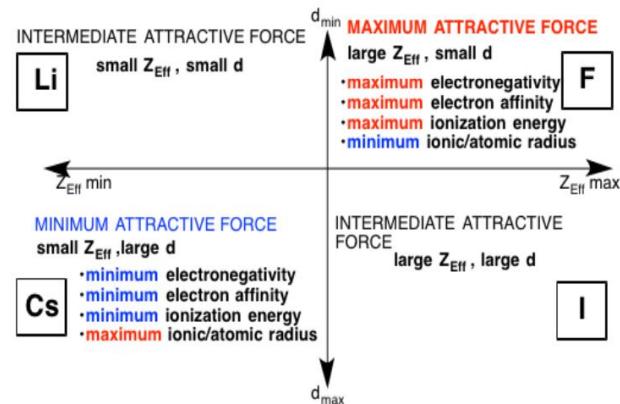
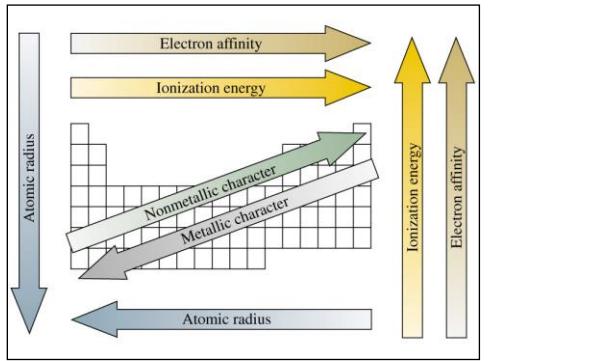
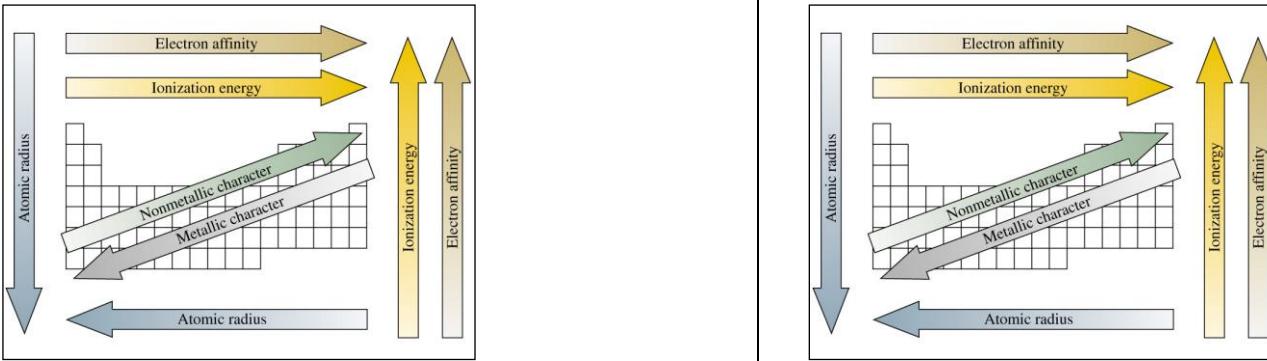
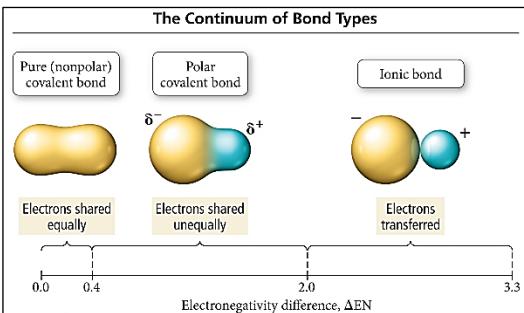


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