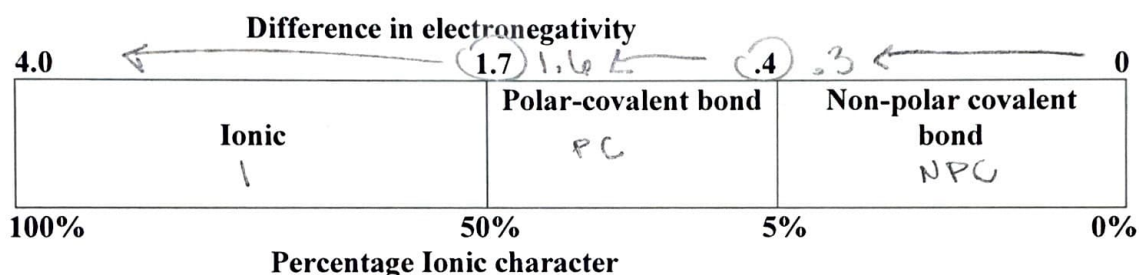


Electronegativity

0.5-0.9
1.0-1.4
1.5-1.9
2.0-2.4

2.5-2.9
3.0-3.5
3.6-3.9
4.0+

1	2											3	4	5	6	7	8																												
												(13)	(14)	(15)	(16)	(17)	(18)																												
H 2.1	Li 1.0	Be 1.6											B 2.0	C 2.5	N 3.0	O 3.5	F 4.0	He --																											
Na 0.9	Mg 1.3		(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	Al 1.6	Si 1.9	P 2.2	S 2.5	Cl 3.0	Ar --																											
K 0.8	Ca 1.3	Sc 1.4	Ti 1.5	V 1.6	Cr 1.7	Mn 1.6	Fe 1.8	Co 1.9	Ni 1.9	Cu 1.9	Zn 1.7	Ga 1.6	Ge 2.0	As 2.2	Se 2.6	Br 2.8	Kr --																												
Rb 0.8	Sr 1.0	Y 1.2	Zr 1.3	Nb 1.6	Mo 2.2	Tc 2.1	Ru 2.2	Rh 2.3	Pd 2.2	Ag 1.9	Cd 1.7	In 1.8	Sn 2.0	Sb 2.1	Te 2.1	I 2.7	Xe 2.6																												
Cs 0.8	Ba 0.9	La 1.1	Hf 1.3	Ta 1.5	W 1.7	Re 1.9	Os 2.2	Ir 2.2	Pt 2.2	Au 2.4	Hg 1.9	Tl 2.0	Pb 2.3	Bi 2.0	Po 2.0	At 2.2	Rn --																												
Fr 0.7	Ra 0.9	Ac 1.1	Rf --	Db --	Sg --	Bh --	Hs --	Mt --	Uun --	Uuu --	Uub --		Uuq --																																
			<table style="width: 100%; border-collapse: collapse; text-align: center;"><tr><td>Ce</td><td>Pr</td><td>Nd</td><td>Pm</td><td>Sm</td><td>Eu</td><td>Gd</td><td>Tb</td><td>Dy</td><td>Ho</td><td>Er</td><td>Tm</td><td>Yb</td><td>Lu</td></tr><tr><td>Th</td><td>Pa</td><td>U</td><td>Np</td><td>Pu</td><td>Am</td><td>Cm</td><td>Bk</td><td>Cf</td><td>Es</td><td>Fm</td><td>Md</td><td>No</td><td>Lr</td></tr></table>															Ce	Pr	Nd	Pm	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Th	Pa	U	Np	Pu	Am	Cm	Bk	Cf	Es	Fm	Md	No	Lr
Ce	Pr	Nd	Pm	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu																																
Th	Pa	U	Np	Pu	Am	Cm	Bk	Cf	Es	Fm	Md	No	Lr																																



Bonding between	More electronegative element and value	Less electronegative element and value	Difference in electronegativity	Bond Type
S and H	2.5	2.1	0.4	PC
Sulfur Cs	2.5	0.8	1.7	I
Cl and Br	3.0	2.8	0.2	NPC
Ca and Cl	3.0	1.3	1.7	I
O and H	3.5	2.1	1.4	PC
N and H	3.0	2.1	0.9	PC
I and I	2.7	2.7	0	NPC
Cu and S	2.5	1.9	0.6	PC
H and F	4.0	2.1	1.9	I
C and O	3.5	2.5	1.0	PC
Cd and S	2.5	1.7	0.8	PC
Ti and O	3.5	2.0	1.5	PC
Ni and Se	2.6	1.9	0.7	PC
Cu and S	2.5	1.9	0.6	PC
H and I	2.7	2.1	0.6	PC
Fr and F	4.0	0.7	3.3	I
Li and N	3.0	1.0	2.0	I
B and Te	2.1	2.0	0.1	NPC
B and N	3.0	2.0	1.0	PC
Ge and Br	2.8	2.0	0.8	PC
Zn and O	3.5	1.7	1.8	I