Chapter 01 Worksheet 02

Covalent/Ionic

For each compound, state whether its bonding is covalent, ionic, or a mixture of covalent and

NaCl NaOH CH₂Br₂

NH₄CI

NaBH₃CN

LiOC(CH₃)₃

Electro-negativity

Indicate whether each molecule has a dipole moment, and use the proper notation to label the direction.

- C-N C-O N-O
- N-CI
- s-c

 NF_3

 BF_3

s=c=o

Formal Charges

Indicate the formal charge of each marked atom.