

p. 239

#30, 31

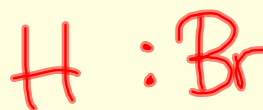
30.a) H and Br

2.1 2.8



0.7 → Mod. polar

δ^+ δ^-



0.0 - 0.4

non polar



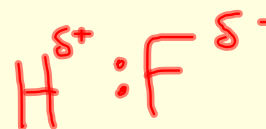
0.4 - 1.0

mod. polar



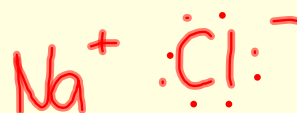
1.0 - 2.0

very polar

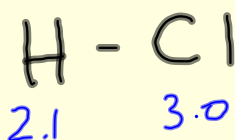


≥ 2.0

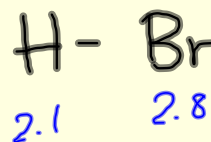
ionic



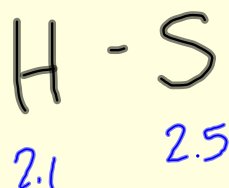
③



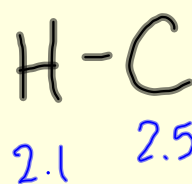
④



③



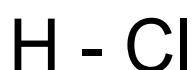
②



①

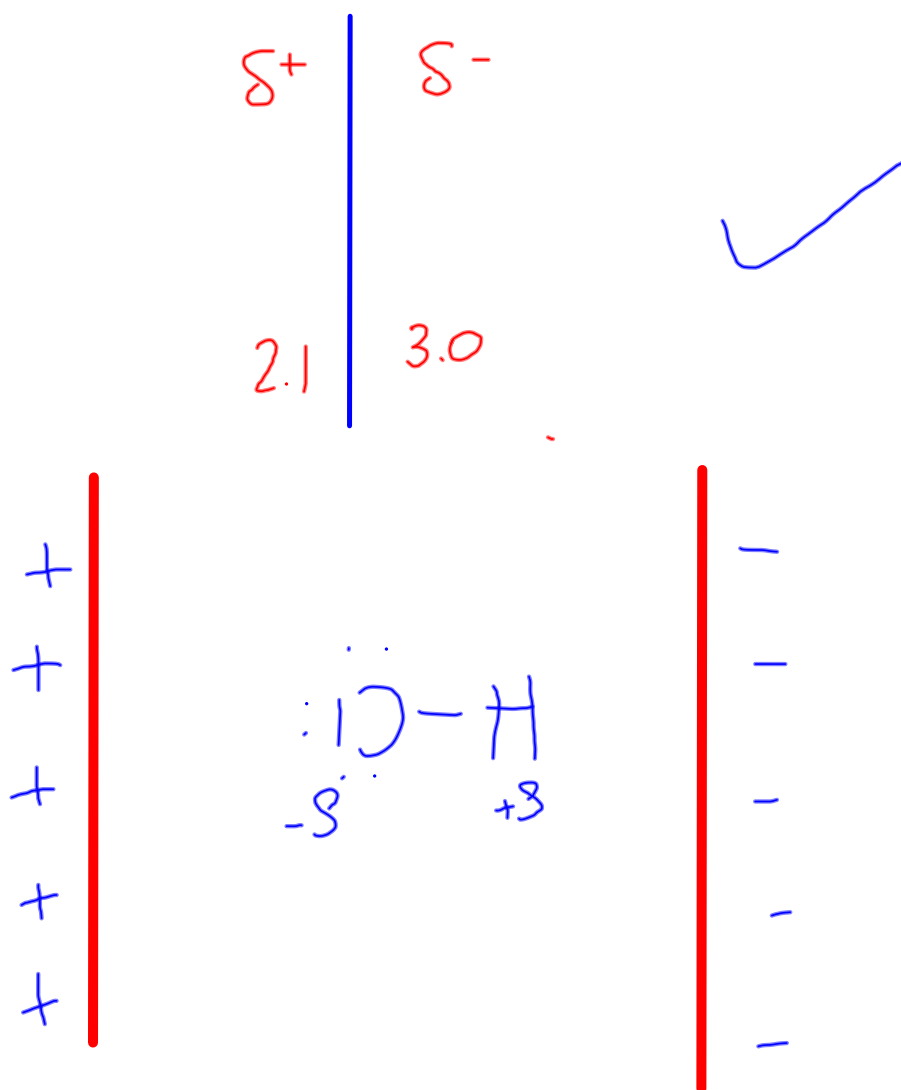
Polar Molecules

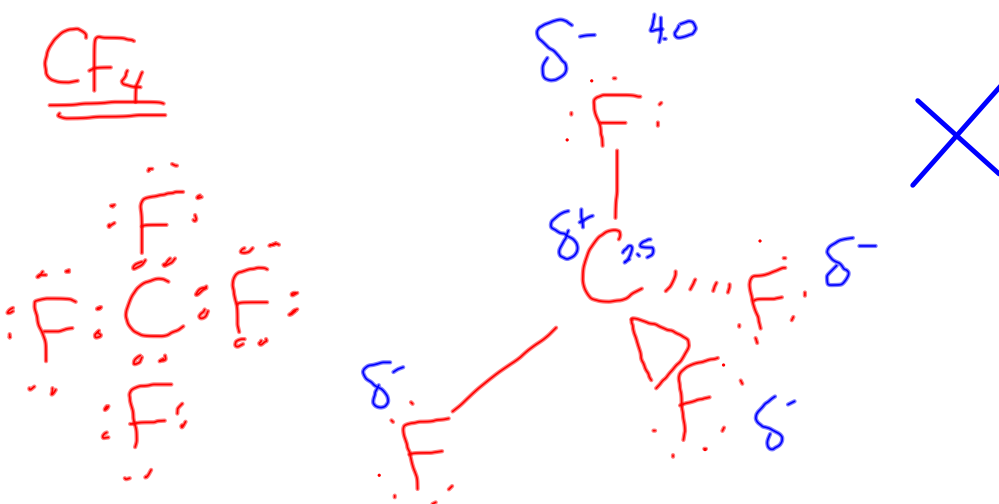
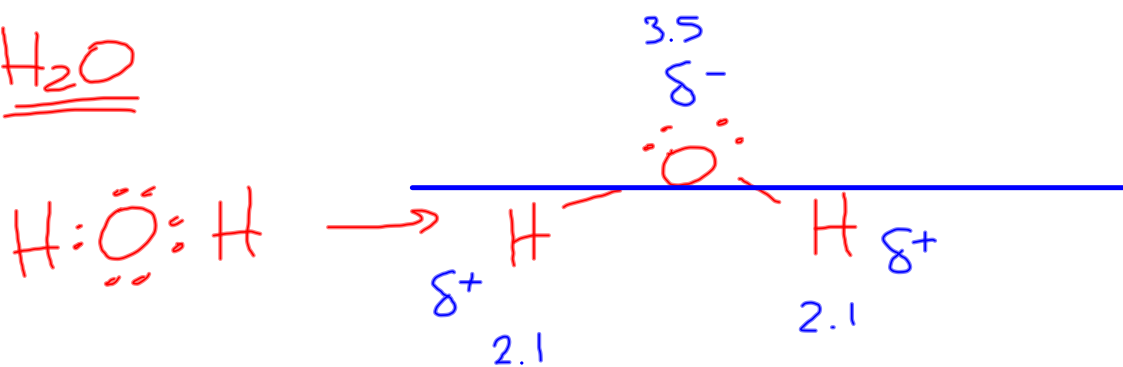
In a polar molecule, one end of the molecule is slightly negative, and the other end is slightly positive.



-Partial charges are often called charged regions or poles.

A molecule with two poles is called a **dipole**.







Review Worksheet
Hybridization and Polarity