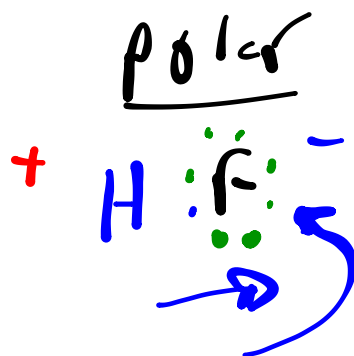
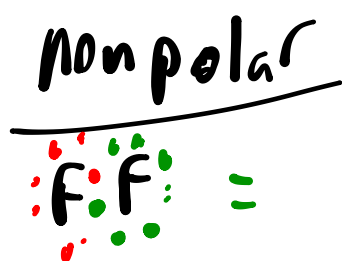
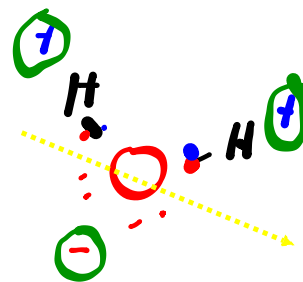


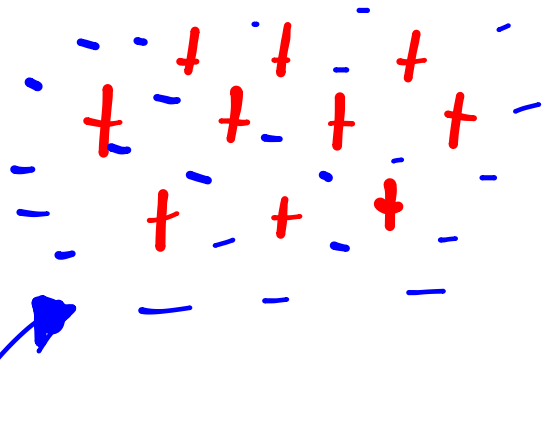
Polar Bonds -  $e^-$  shared unequally



electronegative



Metallic bond -



- Malleable
  - ductile
  - Conductive of both  $e^-$  & heat energy
- \* Gold is best!