

Bonding Helpful Hints

COVALENT

- 1) 2 non metals
- 2) Draw Dot Diagram
- 3) Dot to Dot
- 4) Add atoms as needed



- 5) Check Octet Rule for each atom

- 6) Label Polar or NP
(not assessed)

IONIC

- 1) metal & nonmetal
- 2) Draw Dot Diagram to see # valence e⁻



- 3) Draw ions w/:

a. brackets

b. transferred e⁻ $[\text{Ca}]^{2+}[\ddot{\text{O}}]^{2-}$

c. charges

d. coefficient if needed