## **Formal Charges**

o Assign formal charges to every atom (except hydrogen) in the molecules below.

$$CH_4$$
  $BH_3$   $NH_4$   $O-H$   $O$ 

$$CH_3\overset{..}{\bigcirc}: PH_3 \qquad :NH_3 \qquad CH_3\overset{..}{\bigcirc}H \qquad CH_3$$

o Do it in reverse! Add electron pairs based on the formal charges drawn.