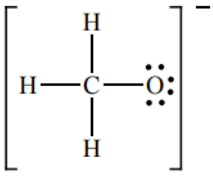
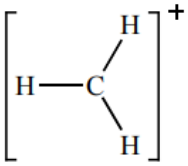
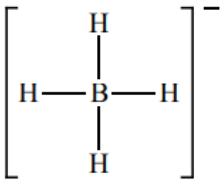
# Formal Charge Practice

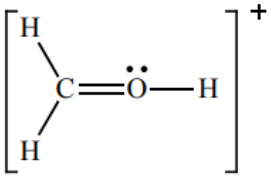
Determine the formal charge for each atom using the formula below:

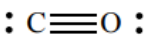
Formal charge = # of valance electrons - # of non-bonding electrons – (# of bonding electrons / 2)

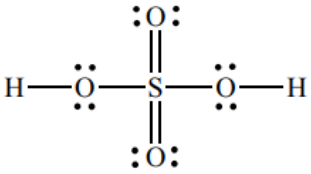
1.  Methoxide ion

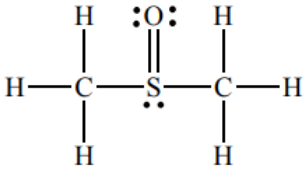
2.  Methyl carbocation

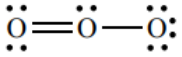
3.  Tetrahydridoborate ion

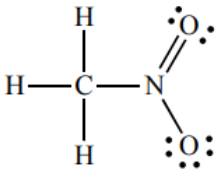
4.  An oxonium ion

5.  Carbon monoxide

6.  Sulfuric acid

7.  Dimethyl sulfoxide

8.  Ozone

9.  Nitromethane