**Mini-quiz #24 Chemistry 1114 14 Nov 2012**

Your name\_\_\_\_\_\_\_\_\_\_\_\_**answers**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

What are the formal charges on each atom in the proposed Lewis structures below?

**Cyanide anion:**

CN- = **:C≡N:**

**Formal charge -1\_\_\_\_ \_0\_\_**

**Carbon dioxide**:  **..**

**CO2 = :O≡C-O:**

**..**

**\_1\_\_\_ \_0\_\_ \_-1\_\_**

**Nitrite anion**

**.. ..**

**NO2- :O-N=O:**

**.. ..**

\_-1\_ \_0\_ \_0\_