

CHE 310 – 002 & 003
Lecture Homework #4

Due: Friday Jan 25, 2019, 10:00 am.

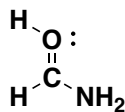
1. What difference in electronegativity defines the following:

a. a nonpolar, covalent bond

b. a polar, covalent bond

c. an ionic bond

2. Assign formal charges to all non-hydrogen atoms in the molecules below



3. Place the correct number of lone pairs on the non-hydrogen atoms in each molecule below based on the given formal charges.

