Chapter 9

- for any molecule or ion: Find for an atom
  (1) regions of high electron density
  (2) electronic geometry
  (3) hybridization
  (4) bond angles
  (5) molecular or ionic geometry
  (6) polarity of molecule or ion
    (as opposed to polarity of bond)

- double bond: 1 sigma (6) bond
  1 pi (π) bond

- triple bond: 1 σ bond, 2 π bonds

- single bond: 1 σ bond

- organic nomenclature (see handout)