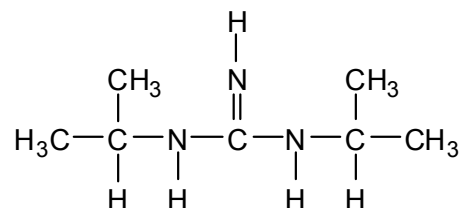
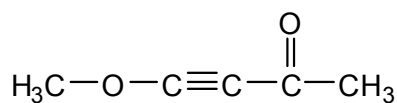
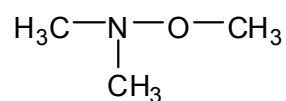
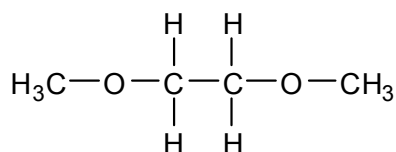


## Chemistry 2301

### Workshop 3 Hybridization and Molecular Shape

1. For each of the structures below: (i) give the hybridization on all atoms other than hydrogen; and (ii) draw a wedge/dashed-bond structure to illustrate the molecule in three-dimensions. (Wherever I've abbreviated "-CH<sub>3</sub>", you can too—no need to draw methyl hydrogens individually.)



2. For each of the structures below, predict the indicated bond angles.

