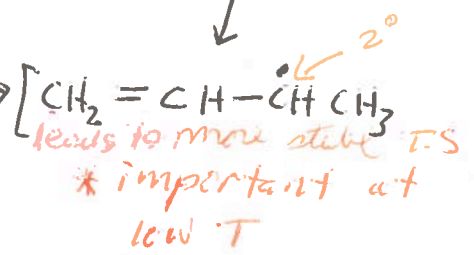
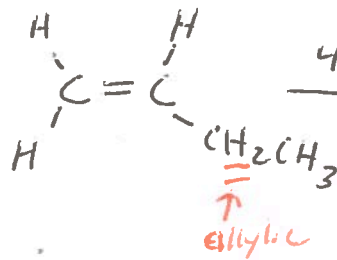
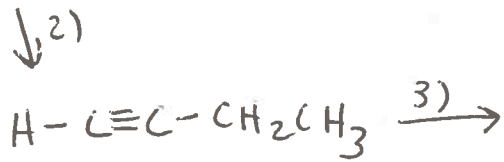
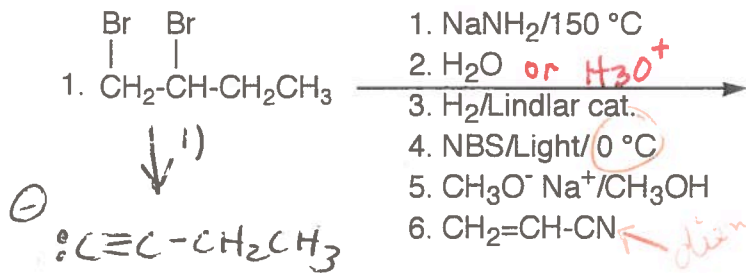
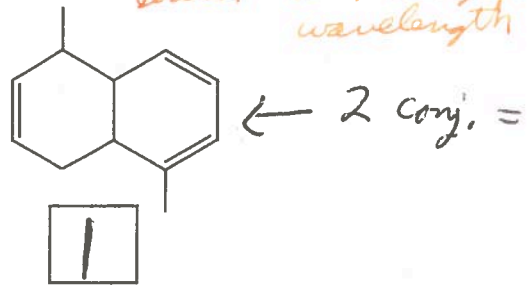
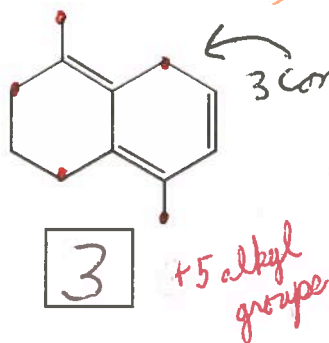
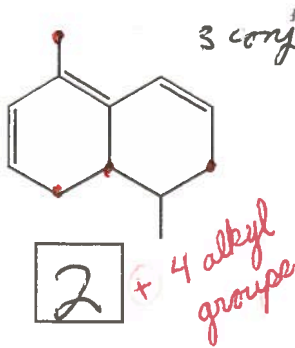


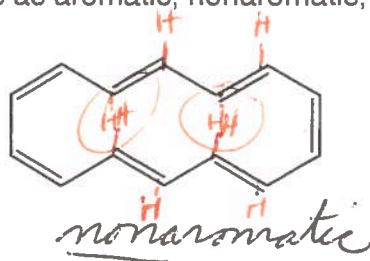
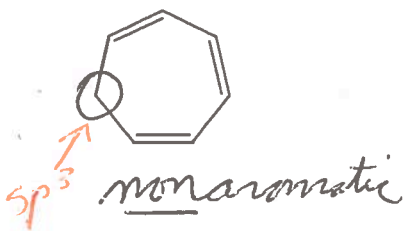
MAD ORG. CHEM "MIN." #14



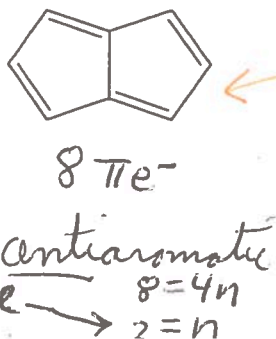
2. Place the following compounds in order of increasing UV absorbance maxima. (1=shortest wavelength, 3=longest wavelength) → lowest π → π\* energy ← most stabilized system lowest ΔE → longest wavelength



3. Label the following molecules as aromatic, nonaromatic, or antiaromatic:



$14\pi e^- = 4n + 2$   
 $n = 3$  fits rule but  
 not planar  
 too crowded to be planar



fused rings  
 ↓  
 planar

