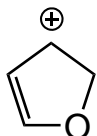
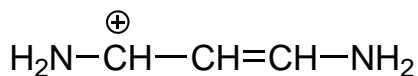
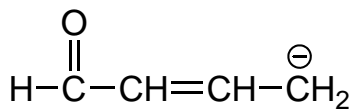
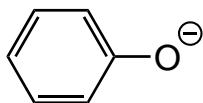
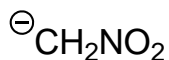
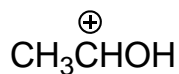
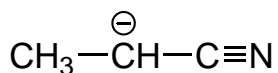
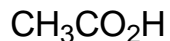


Library of Organic Chemistry Active Learning (LOCAL) Resources
Lewis Structures & Resonance

Name: _____ Section: _____ (day/time)

For each of the following compounds, draw the important resonance forms. Be sure to draw complete Lewis structures. Use curved arrows to convert one drawing to the next. Indicate which structures are major and minor contributors, or whether they have the same energy, and briefly explain your rankings. **NOTE: if a structure is charged then the goal is to find resonance structures that move the charge, since spreading a charge among multiple atoms ("delocalizing" the charge) will stabilize the species.**



hint: first add in the missing H's