

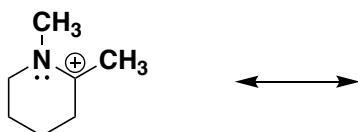
CHE 310 – 002 & 003
Lecture Homework #6

Section 2 Due: Wednesday Jan 30, 2019, 9:00 am.

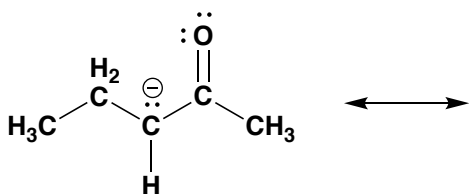
Section 3 Due: Wednesday Jan 30, 2019, 10:00 am.

1. Place curved arrows on the resonance contributors below and give the second expected contributor for each (the result of the arrows). Number each of your arrows and in words describe what each represents. In each case circle the more stable resonance contributor (if there is one) and briefly explain your reasoning.

a.



b.



c.



2. Define the following terms:

a. Brønsted-Lowry acid

b. Brønsted-Lowry base

c. Lewis acid

d. Lewis base