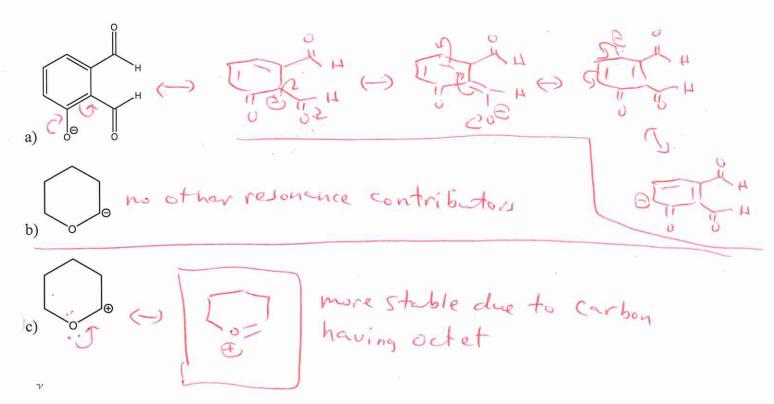
Name:		
maine.		

1) Give another resonance structure for the following ions. Write no other resonance contributor if no other resonance contributor exists.



2) a) Give a molecule that has the molecular formula C₃H₄O that has only sp² hybridized carbons.

C3Hy 0 = C3Hy

C3Hy 0 = C3Hy

What wantion 1 Spt spt

and hydrogen and Jph oxygen

b) Give a constitutional isomer of the molecule in 2a.

Problems NOT on the quiz.

3) How does an atomic orbital differ from a molecular orbital?

atomic orbital cover only a single atom. a molecular orbital covers a whole molecule.

4) How does hybrid atomic orbital differ from an atomic orbital?

hybrid atomic orbitals are moth modical 25, Pld, f

complehence or stomic orbitals

