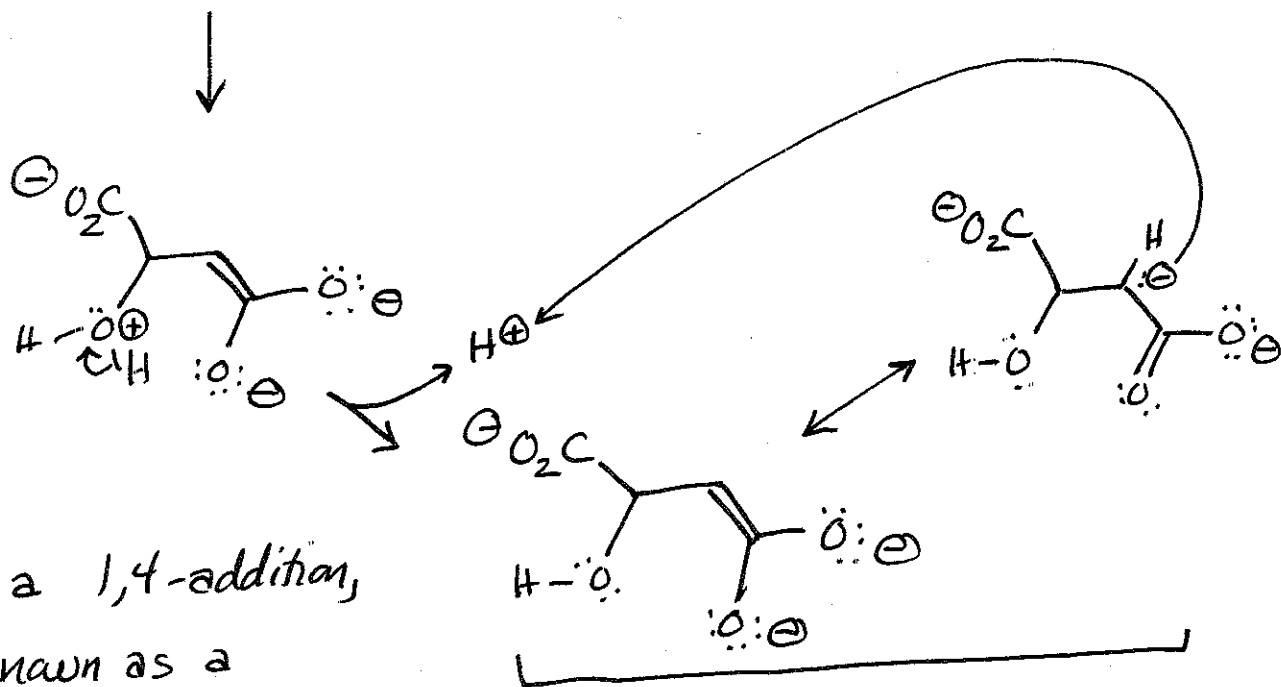
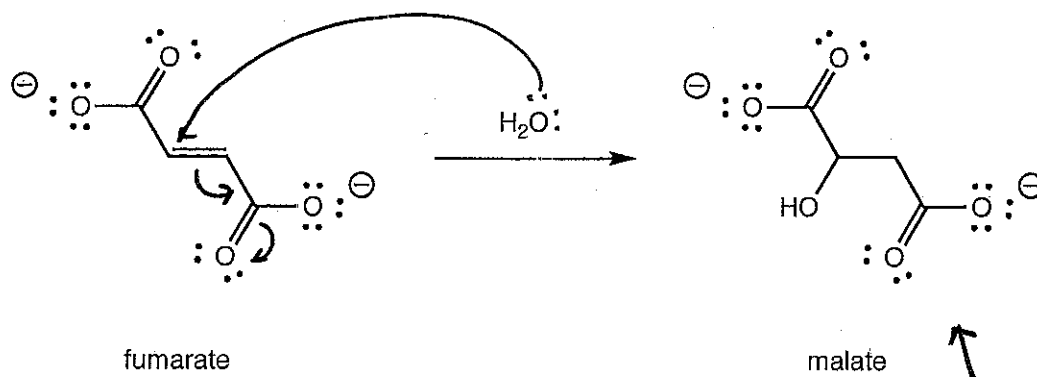


Quiz #6

Draw a mechanism for the reaction shown below. Be sure to show resonance forms where they enlighten what is happening. The reaction occurs under more or less neutral conditions (no catalysis is necessary, at least for the purposes of this question).



This is a 1,4-addition,
also known as a
Michael addition

these resonance forms are
critical for understanding
why the rxn occurs