

# **ROTD 3/14/05**

**1) Mechanisms are determined through analyzing the energetics and products of reactions. After you see a few of them, you start to develop an understanding of how they work.**

**2) Mechanisms cannot be proven. They can only be supported or disproven.**

**3) Regioselective refers to reactions that preferentially form/break bonds in one region of the molecule over another. Regiospecific refers to reactions where only one of the possible "regioisomers" is produced.**

**4) Markovnikov's rule helps us predict the regioselectivity of H-X addition to alkenes.**