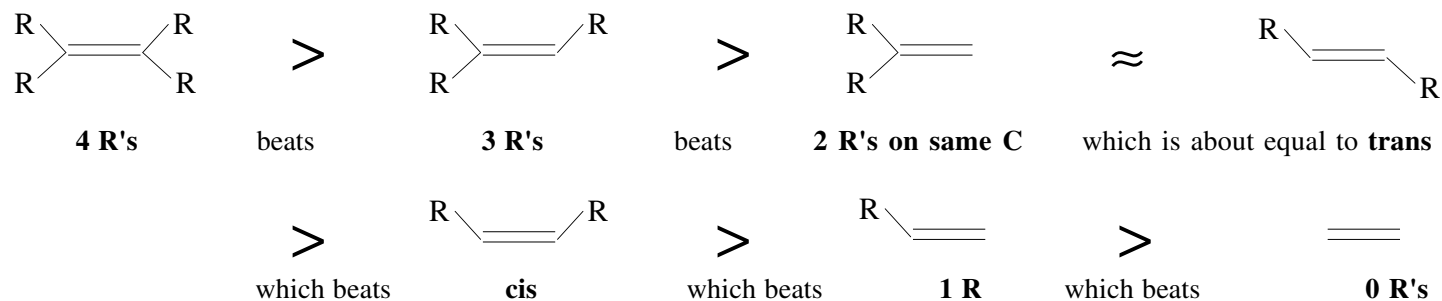
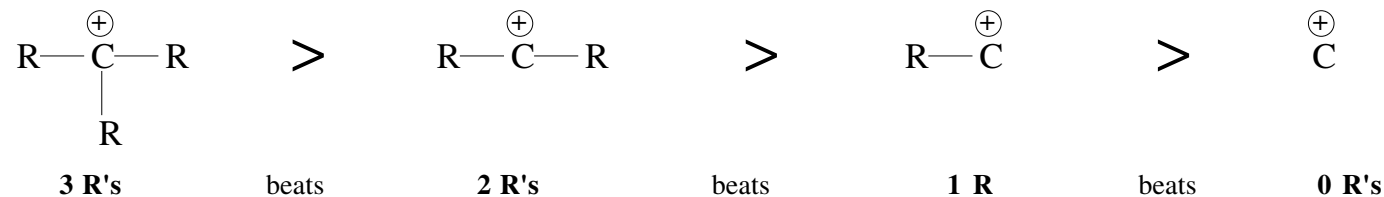
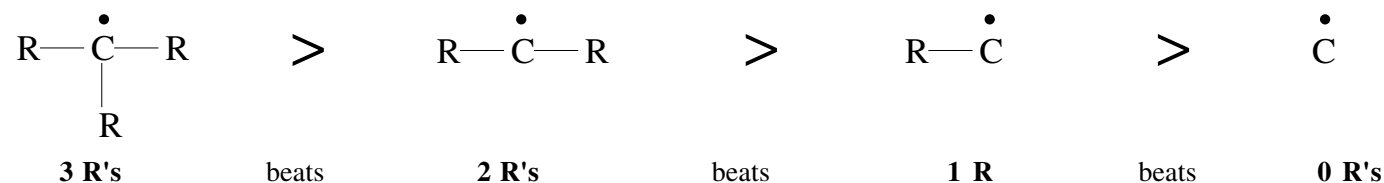


**Alkene stability:****Carbocation stability:****Radical stability:****Alkene Reaction Summary Part I:**

	MARK	ANTIMARK	NRS nonregioselective
SYN		C* 1C. BH <sub>3</sub>	E* 1E. H <sub>2</sub> 2E. KMnO <sub>4</sub> , OH <sup>-</sup> OR OsO <sub>4</sub> 3E. KMnO <sub>4</sub> , Hot 4E. O <sub>3</sub> 5E. CHCl <sub>3</sub> , OH <sup>-</sup> or CH <sub>2</sub> Cl <sub>2</sub> , Zn(Cu) 6E. HIO <sub>4</sub> (Not included in part II)
ANTI	A* 1A. Hg(OAc) <sub>2</sub>	<b>premed411.com</b>	F* 1F. X <sub>2</sub> /CCl <sub>4</sub> or CHCl <sub>3</sub> 2F. X <sub>2</sub> /H <sub>2</sub> O is regioselective but is neither Mark nor Anti Mark because no H is added. 3F. RCO <sub>3</sub> H then H <sub>3</sub> O <sup>+</sup> (From Chapter 18, Dr. Snyder's class only.)
NSS non stereo specific	B* 1B. H <sub>3</sub> O <sup>+</sup> 2B. HX	D* 1D. HBr, peroxides	*See Part II, where regiochem and stereochem are indicated graphically.

## Alkene Reaction Summary Part II

