

Study guide test #3

Start: Notes 10, Pg. 3 - SN₁ and SN₂

SN₁ potential energy diagram

SN₂ potential energy diagram

alkene nomenclature including E/Z

put alkenes in order of stability

E₁ reaction / potential energy diagram

E₂ reaction / potential energy diagram

Mechanisms: SN₁, SN₂, E₁, E₂, and electrophilic addition

E₂ - anti: periplanar geometry - leaving group axial

Kinetic isotope effect

Electrophilic addition - Syn and anti addition

Markovnikov and anti-Markovnikov addition

heat of hydrogenation

intermediates make reaction so faster or slower

epoxide nomenclature

ozonolysis of alkenes

Diels-Alder reaction (limited examples)

Reactions of alkenes to form stereoisomers!!!!

reactions ↗

Synthesis

free question

Ends at bottom of page 17 notes part 13