

Final Exam

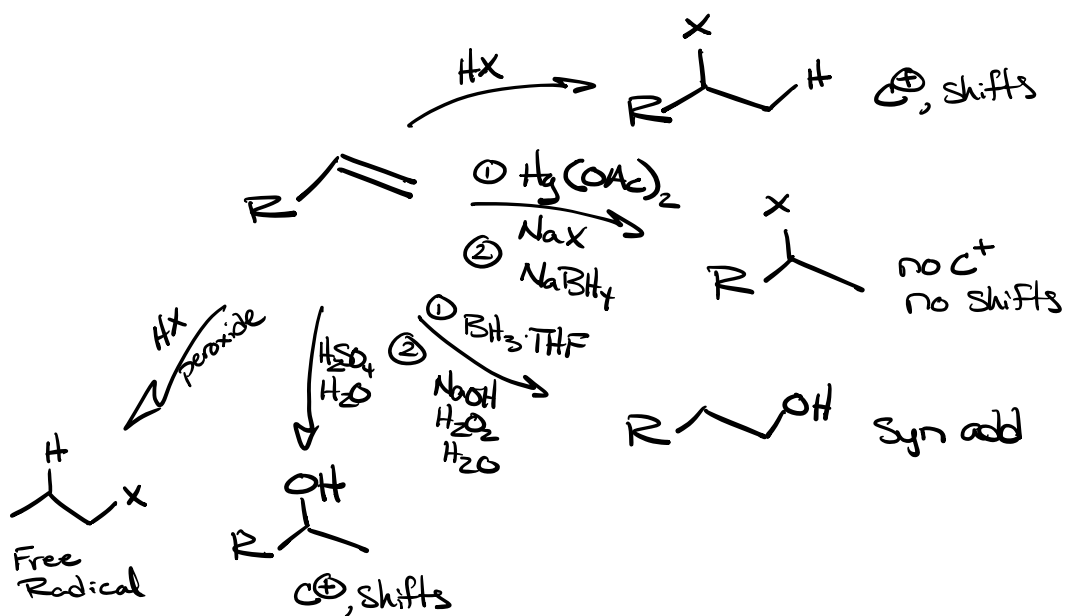
will open Thursday evening
due Tuesday of finals week

The exam is not cumulative

- Chapter 4 Alkanes & Cycloalkanes
 - Nomenclature
 - Conformations
 - Newman
 - 6-member ring systems
- Chapter 5 Stereoisomerism
 - Cahn-Ingold-Prelog Rules
 - R vs. S
 - Enantiomers
 - Diastereomers
 - Meso Compounds
 - %ee
 - $[\alpha]$ optical rotation
- Chapter 6 Reactivity & Mechanism
 - Endo vs. Exo
 - Transition state
 - Σ_A
 - Hammond Postulate

- * - Chapter 7 Substitution & Elimination
- Chapters 4, 5, 6
- S_N1 / E_1 / S_N2 / E_2
 - Reaction mechanism
 - Determining Products
 - Reaction Competition which Rxn is faster
 - Which reagents to give specific products

Chapter 8 - Addition Rxns to alkenes



- Exam will be of similar size to Exam 1
- Mandatory part & part w/ optional questions
40-45% 55-60%
3-4 optional 8-9 options