# Organic Chemistry Reaction Mechanism for Thursday April 9 or Tuesday 14

* 1. Alkanes (p. 16) Show a substitution reaction for at least 2 alkyl halide
  2. Alkenes and Alkynes, p. 23, Define Addition Reaction. Show a pro-1-ene converted into a saturated compound.

Try Practice, p. 26, # 1 and 2. Review 1.2, p. 27, #1-8

* 1. Aromatic Hydrocarbons, p. 30, create a table for 6 aromatic compound reactions. Name the reactant and products and the type of reaction.
  2. Alchols, Define dehydration reaction. P. 35.

Practice convert butanol to but-1-ene and water.

Practice p. 37, # 1 and 2.

* 1. Reactions involving aldehydes and ketones. Controlled oxidation

Practice, convert propanol (1 degree) to aldehyde

Practice convert butan-2-ol (2 degree) to a ketone and water

Hydrogenation, the addition of hydrogen molecules,

Convert propanal into propanol (1 degree)

Convert buta-2 one into 2 butanol (2 degree) .

Practice, p. 45,# 1-3

* 1. Reactions involving Carboxylic Acids and Esters

Define esterification, p. 51; hydrolysis p. 51