

(21) Today

Chapter 21.1 – 21.3

Next Class (22)

Test 2: MS, IR, NMR

(23) Second Class from Today

Chapter 21.4 – 21.7

Chapter 21.8 – 21.9 , Chemistry Matters

Third Class from Today (24)

Chapter 21.8 – 21.9 , Chemistry Matters

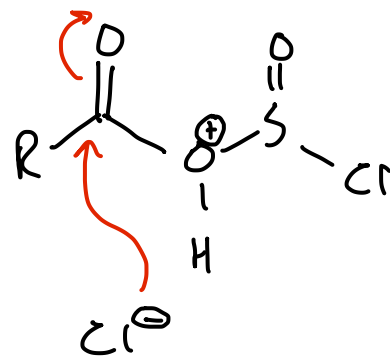
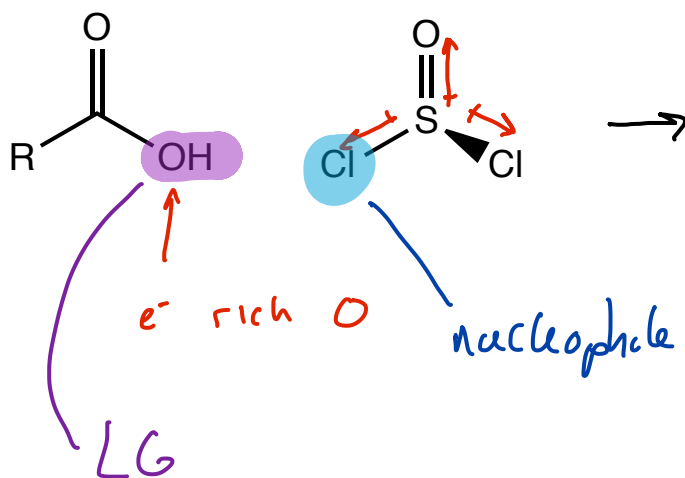
Please hand in reworked test 1.

Review Session Scheduled for Thursday, March 27 from 7:30 to 9:00 in Wilson 314
(also stream using Zoom)

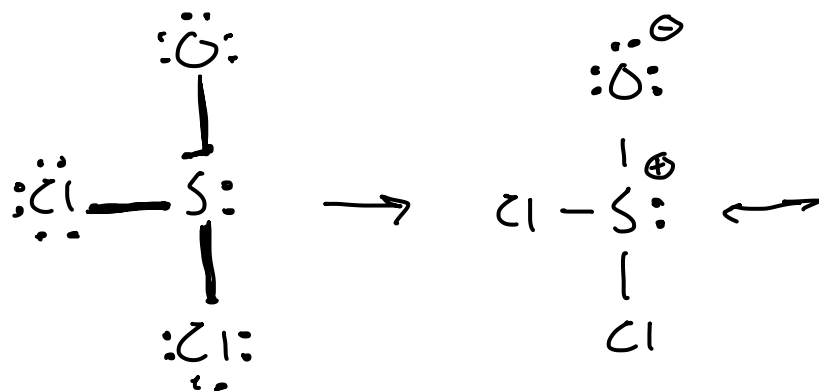
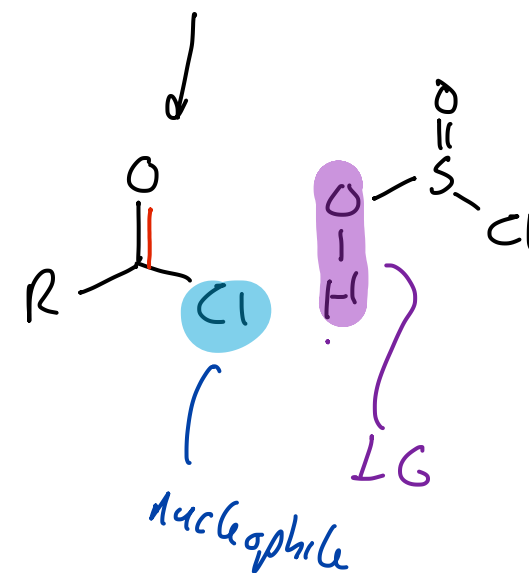
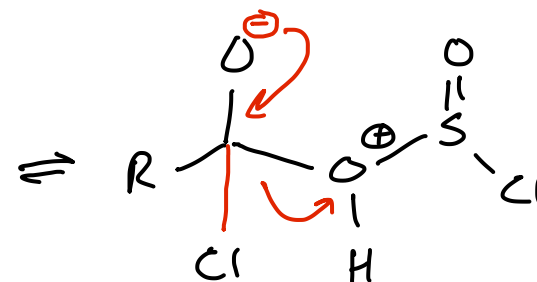
Reactions of Carboxylic Acids: Forming Acid Chlorides

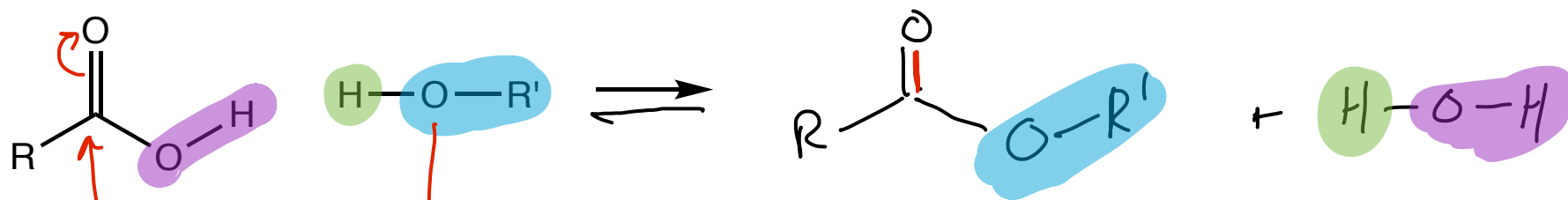
Section 21.3

electrophile



tetrahedral intermediate

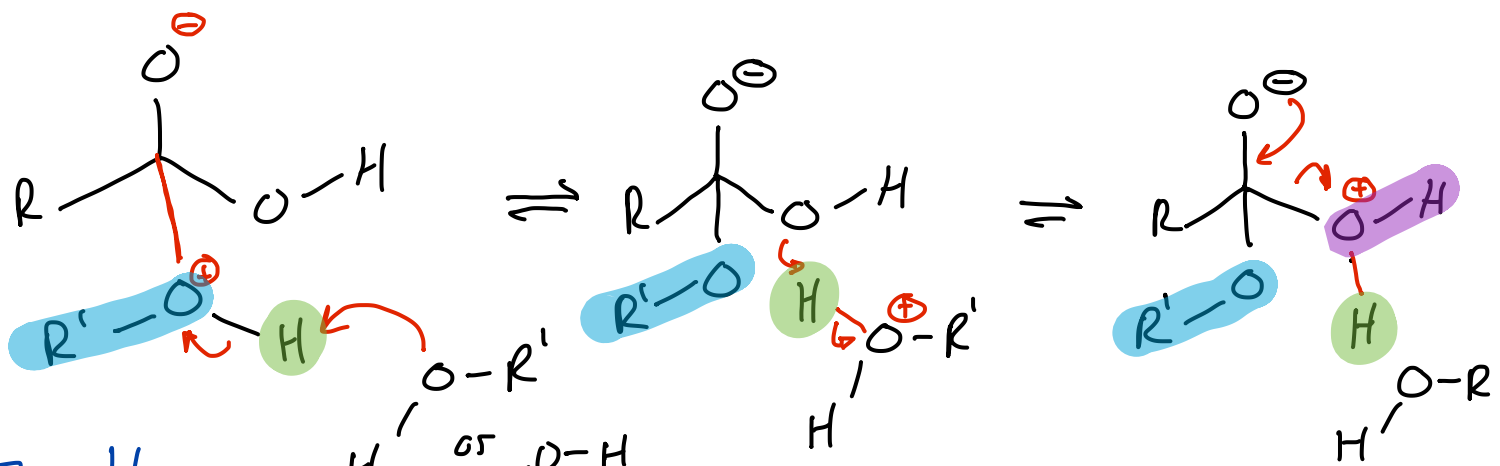




R = H, CH₃, CH₂CH₃, etc.

R' ≠ H, R' = CH₃, CH₂CH₃, etc.

reactants + products
have similar reactivity
equilibrium rxn



Zwitterion
opposite charges separated
in space ... separating
charges takes energy ... slow process ...

