

9/21
"Day"



Topics for Ch 3 Test

- ① explain function of Acid + Base under Brønsted-Lowry def. (what we have used)
- ② explain how to determine strength of acid by looking @ its C.B.
- ③ label A, B, CA, CB
- ④ list out ARIO + explain each part (look @ "foldable")
- ⑤ Compare 2 acids + determine which would be stronger by looking @ their C.B.'s
- ⑥ Know general idea of pKa values (what a "stronger" one is when comparing)
- ⑦ draw 3 orbitals + label w/ hybridization
- ⑧
 - show the mechanism (arrows)
 - draw products
 - label A, B, CA, CB
 - predict direction of equilibrium AND justify (explain your choice!)
- ⑨ Make sure you know "good" + "bad" inductive effects
 - be able to explain the alpha effect!
 - "good" = stabilizing
 - "bad" = destabilizing