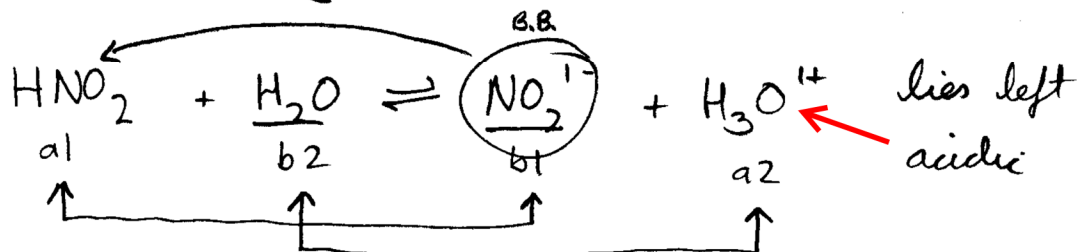
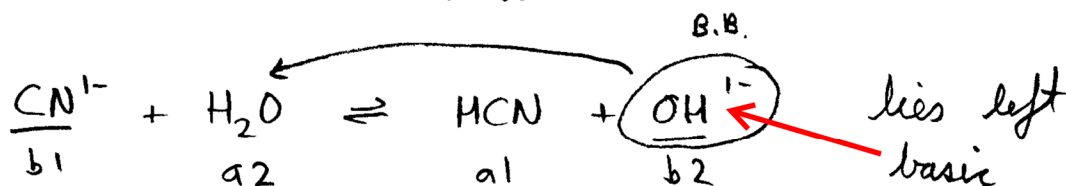


# Acid/Base Equilibrium Problems

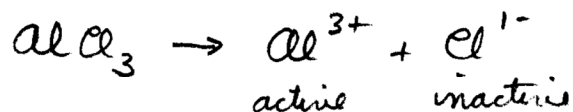
## Type #1 - Straight Up Acid



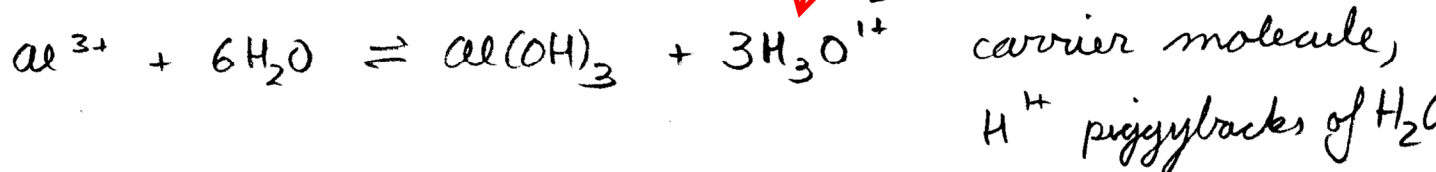
## Type #2 - Straight Up Base



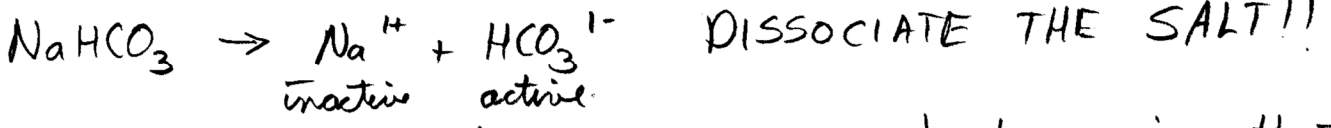
## Type #3 - Lewis Acid



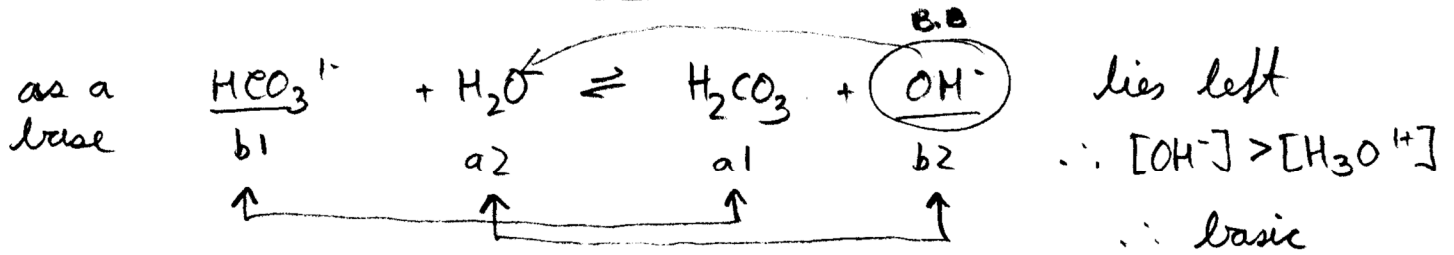
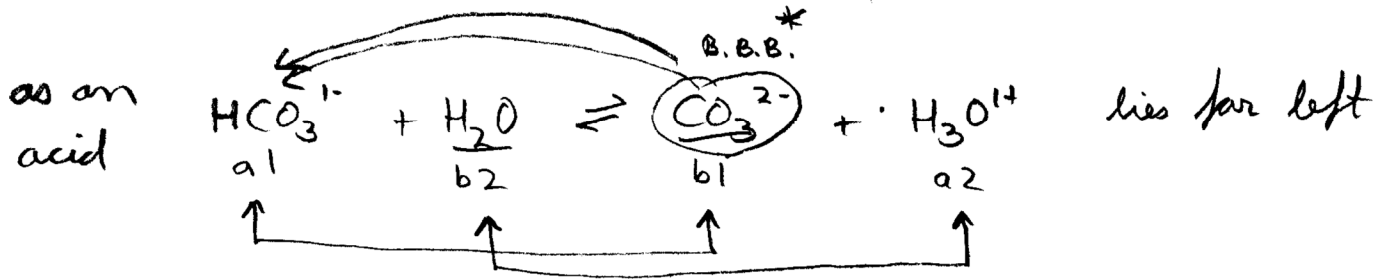
OR



# Type #4 The Big One



AMPHIPROTIC  $\rightarrow$  a molecule or ion that can donate or accept  $\text{H}^{+}$



\* Better Better Base: much larger gap on table

Others:

