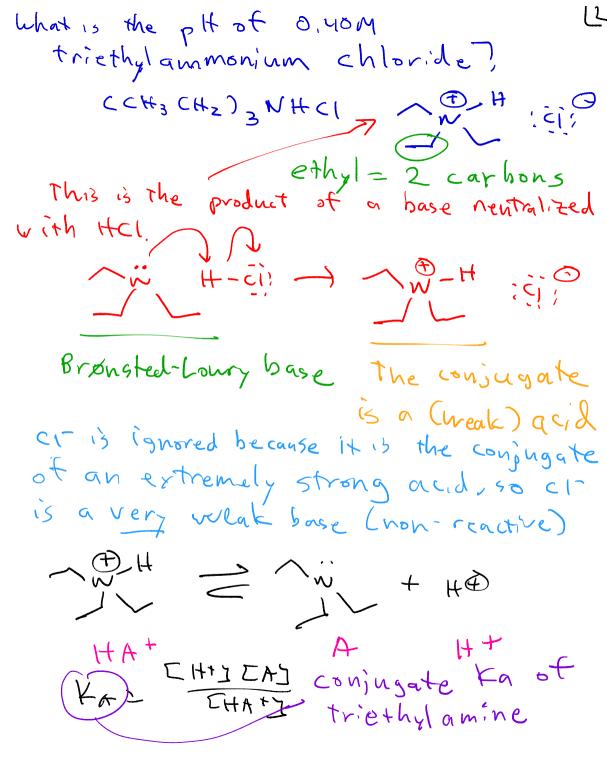
6/12/20 Problem Chap 18 #111 What is the pH of 0,150 M KCN? KCN cars + H20Ces 2 KOH cars + Itan spectator Conjugate acid CW- is the conjugate of 9 break acid, Ka (4 cu) = 6.2×10-10 Need; KB of CW-CN- cans + H2OCIS 2 OH' cans + Havan KO= EOHJEHCWJ ECN-J once the problem is solved, [OH-] has to be coverted into pH How can the conjugate of a weak acid also be weak? KB CCN'S 2 1.0 ×10-14 6.2 × 10-10 Kn@280 = 1.61×10-5 Ka and Kb KCl - S both weak The stronger a conjugate acid is, the weaker the Conjugate base is,



weak strong basic ltcl + NH3 - NH4 C) strong weak avidic

Thermodynamics what is BG? BGLO BG70 — spontaneous or not — UG=0H-TBS what is DS? BSZO BSYO Formation of an aqueous solly of ammonium bittate.