```
Acids
know 6 strong ones
  100% Udissociale.
weak ones: all others!
          <100% dissociation!
    ex: HF +H20 = H30+F
BASES
Strong bases... typically alkali metal
 hydroxidu, as well as Ba (OH)2.
          100% dissociate
  Lioh
  NaOH 1
         Mg (OH)2
  KOH |
 RPOH
           Sr (OH)2
          Ba (OH)2
 CSOH
  LIOH -160% Lit(OE) + OHTOE)
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```
Most bases are weak... only partially
 imize
         NH2 691 + H20(2) = NH+(02) + ONING
 What's pH of 5.0mm HClass?
   pH = -log 10 [H+] (1.0×10-74)
       HC1(00) + H20(1) -> H30(0) + C1 (00)
    5-0×10-3M
    C-5.0x10-3M --- +5.0x10-34+50x10-3
                  ___ (5.0x10<sup>-3</sup>M) (5.0x10<sup>3</sup>)
 pH = -log [H+] = -log [5.0x10-3]
```

