**Titration**

A lab process in which a known concentration of an acid or base is used to determine the unknown concentration of another acid or base solution.



sometimes this equation is written as

(#H+)MAVA = (#OH-) MBVB

When 50 ml of an HNO3 solution is exactly neutralized by 150 ml of a 0.5M solution of KOH, what is the concentration of HNO3?

Ma= ? MB=0.5M

Va=50ml VB=150ml

Ma(50ml) = (0.5M)(150 ml)

Ma=1.5M



