```
QUIZ FRIDAY!
Purpose
HOW TO WRITE A
 NEUTRALIZ ATION
REACT ION
WARMUP
 convert pH=13.1 to [H+]
  arswer: 7.94x10-1911
           8 × 10 -14 19
```

PROBLEM:
Convert [OH] = 0.00531 to pH

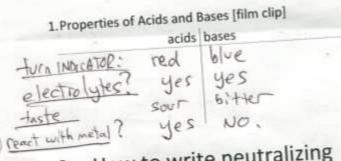
ANSWER:

[H+] = 1.88 ×10-12 so

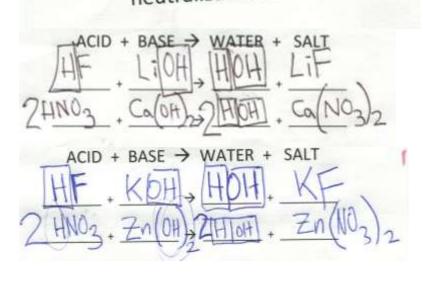
therefore

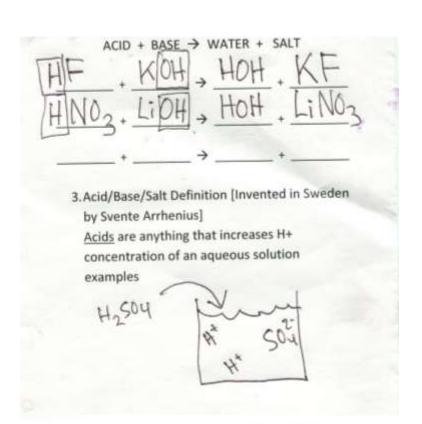
PH = -log [1.88×10-12 m]

PH = 11.72



How to write neutralizing reactions. [clip]
 When acids are mixed with bases they undergo neutralization reactions:





 Bases are anything that increase OH- concentration of an aqueous solution 5. Salt
salts are any ions that are
left over when an acid
neutralizes a base

