Compound	Charge	Symbol	pH Range	Color in Indicator
ACID				
BASE				
WATER				

If you mix an acid and a base you can make a neutral solution.

NEUTRALIZATION LAB

QUESTION: How much base is needed to neutralize an acid?

DATA:

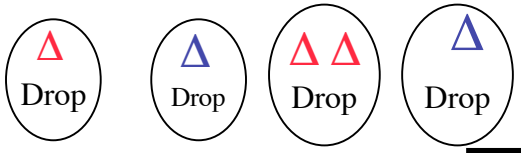
TRIAL #	Drops ACID	Drops BASE
1	6	10
2	10	18
3	5	10
4	10	21

Read page 190 in your text. What determines the strength of an acid? The strength of an acid depends on…. ~~because…~~

CONCLUSION:

Using Δ to represent Acid particles, and Δ to represent base particles, draw a picture to represent the drops of acid and base needed to make a neutral solution.

Look on page 190- 191 "Strength of Acids and Bases" to explain it.



Acid and base equal strength

Acid twice as strong