Unit #13 **Regents Chemistry**

Acids and Bases

1. ***Acids*** and ***bases*** are both ***good electrolytes***. Their solutions conduct electricity well.

2. Weak acids taste *sour*.

3. Weak bases taste *bitter*.

4. Acids and bases turn ***indicators*** different colors. They're listed on ***Table M***.

5. Acids have a pH < 7.

6. Bases have a pH > 7.

7. ***Tables K & L*** list names and formulas of common acids and bases asked about on the Regents.

8. The metals above H_2 on ***Table J*** will react with acids to make H_2 gas bubbles.

9. ***Arrhenius*** says:

"Acids give off H^+ or H_3O^+ ions in solution."

"Bases give off OH^- ions in solution."

10. ***Brønsted*** says:

"Acids *donate* protons."

"Bases *accept* protons."

11. Acids and bases react in ***neutralization*** reactions to make ***water*** and a ***salt***.

12. ***Titrations*** are controlled neutralization reactions used to find the concentration of an acid or base sample. Note the formula for it on Table T.

USE THE REFERENCE TABLES!!!