

NAME:

PERIOD:

DATE:

Acids & Bases Homework #2

Answer all questions to the best of your ability. Use your notes to help.

PART ONE: True or False. **Fix the false.**

1. True or False. Acids and bases have very little in common.
2. True or False. Bases create H_3O^+ ions in water.
3. True or False. When neutralization occurs, a salt is formed.
4. True or False. HCl is a base.
5. True or False. A substance with a pH of 11 is a stronger base than a substance with pH 14.
6. True or False. A substance with pH 3 is a stronger acid than a substance with pH 5.
7. True or False. Only acids are corrosive, bases are not.
8. True or False. If most of the molecules of an acid break apart into H^+ ions in solution, it is a weak acid.
9. True or False. A substance that tastes sour must be an acid.
10. True or False. Many household substances contain acids and bases.

PART TWO: Short Answer

11. What are the 2 main differences between acids and bases?
12. What things do acids and bases have in common?
13. What is pickling?
14. What is a dehydrating agent?
15. How is a salt formed?

