

## Unit 3 Lesson 14 Study Guide

### Unit 3 Lessons 1 4 VOCABULARY

Lesson	Term	Definition
14	Acid	a substance that is characterized by a sour taste and has a pH of less than 7
14	Base	a substance that has a bitter taste and a slippery feel, and a pH of greater than 7
14	pH	a scale that measures the acidity or baseness of a solution

### Lesson 14 Acids and bases

**Acids** - An acid increases the number of hydrogen ions in solution when it is dissolved in water

- Has a Sour taste
- pH lower than 7 (The lower the number the more acidic)
- Lemon, vinegar, fertilizers

**Bases** - A base increases the number of hydroxide ions in solution when it is dissolved in water.

- slippery and has a bitter taste
- pH higher than 7 (The higher the number the more basic)
- soap, baking soda, drain cleaner

