



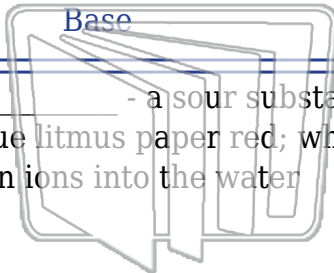
Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

**Match each of the following terms to its definition:**

Litmus paper

Acid

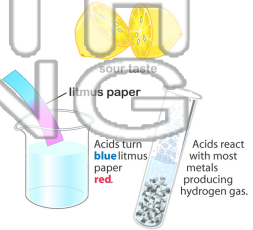
Neutral solution



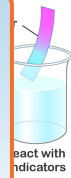
PH scale

Ion

1. \_\_\_\_\_ - a sour substance that can react with metals and turns blue litmus paper red; when placed in water, acids release hydrogen ions into the water



2. \_\_\_\_\_ ions in water are slippery



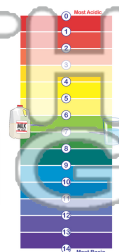
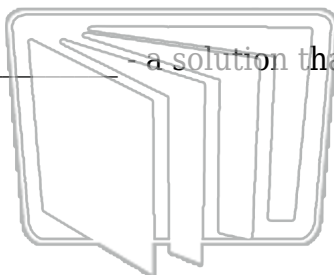
3. \_\_\_\_\_

## PREVIEW

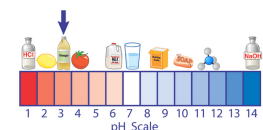
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4. \_\_\_\_\_ if a solution is neutral

5. \_\_\_\_\_ - a solution that has a pH of 7; it is not an acid or a base



6. \_\_\_\_\_ - a numerical scale used to measure the amount of hydrogen ions there are in a solution; a scale which measures the acidity and alkalinity of a substance





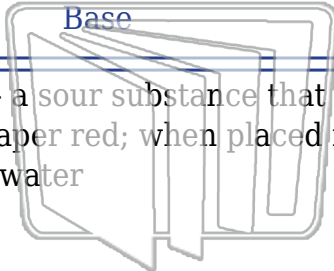
Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

**Match each of the following terms to its definition:**

Litmus paper

Acid

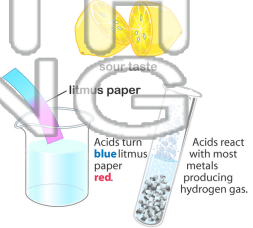
Neutral solution



PH scale

Ion

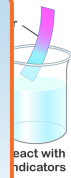
**1. acid** - a sour substance that can react with metals and turns blue litmus paper red; when placed in water, acids release hydrogen ions into the water



**2. base** - a substance that reacts with acids to form water and a salt; bases feel slippery and taste bitter



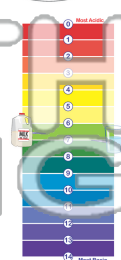
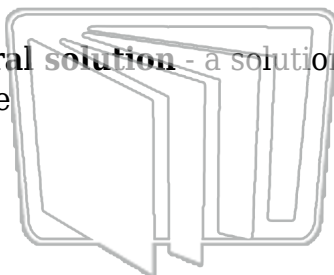
**3. ion** - a charged particle that can conduct electricity



**4. litmus** - a natural dye that is used as an indicator of the acidity or basicity of a solution

**PREVIEW**  
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**5. neutral solution** - a solution that has a pH of 7; it is not an acid or a base



**6. pH scale** - a numerical scale used to measure the amount of hydrogen ions there are in a solution; a scale which measures the acidity and alkalinity of a substance

