

# Section 5.1

## Acids and Bases

### Before You Read



#### 1. Words to Know

Directions: Match the correct definition to the term on the left.  
Scan pages 220 – 229 to find the definitions.

Words to Know	Definition
___ acids	A. thin paper strips used to determine whether a solution is acidic or basic
___ bases	B. an indicator that is red below a pH of 3.2, and yellow at any pH above 4.4
___ bromothymol blue	C. chemical compounds that produce a solution of pH of <u>more</u> than 7 when they dissolve in water
___ concentration	D. an indicator that is blue below a pH of 11.2, and yellow at any pH above 13.0
___ indigo carmine	E. chemicals that change colour depending on the pH of the solution they are placed in
___ litmus paper	F. chemical compounds that produce a solution with a pH of <u>less</u> than 7 when they dissolve in water
___ methyl orange	G. the number of atoms in a specific volume of solution
___ pH indicators	H. a colourless chemical compound in acidic or slightly basic solutions but turns pink in moderately basic to highly basic solutions
___ phenolphthalein	I. an indicator that is yellow below a pH of 6.0, and blue at any pH above 7.6

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## 2. Predicting the Main Ideas of Section 5.1

Directions: Scan pages 220 – 229 looking at the pictures and titles within this section. Predict six things you think you will learn in this section.

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2. \_\_\_\_\_  
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6. \_\_\_\_\_  
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