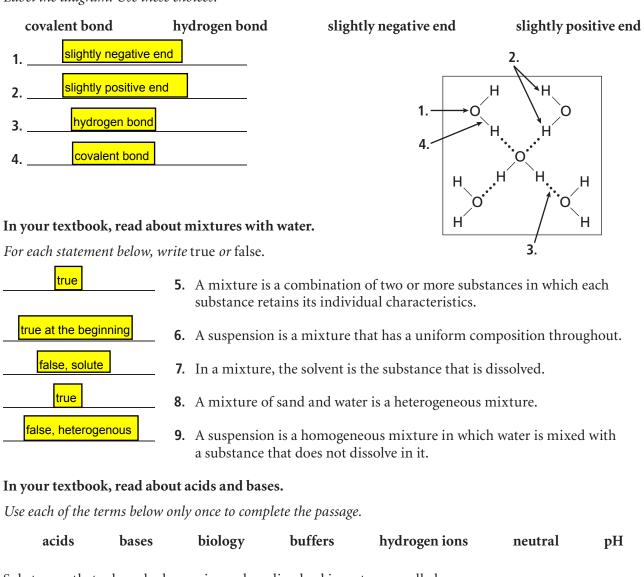
Class

CHAPTER 6 Study Guide Section 3: Water and Solutions

In your textbook, read about water's polarity.

Label the diagram. Use these choices:



Substances that release hydrogen ions w	hen dissolved in water are called
(10)acids	. The more (11) hydrogen ions a substance
releases, the more acidic the solution be	comes. Substances that release hydroxide ions when dissolved in
water are called (12)bases	Acids and bases are key substances in
(13) biology	. The concentration of hydrogen ions in a solution is called
(14)pH	. Pure water is (15) neutral and has a pH
value of 7.0. (16)buffers	are weak acids or weak bases that can react with strong
acids or strong bases to keep the pH within a particular range.	

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