

Name _____ Date _____ Class _____

17 WATER AND AQUEOUS SYSTEMS

Conceptual Curriculum
 Concrete concepts
 More abstract concepts or math/problem solving

Standard Curriculum
 Core content
 Extension topics

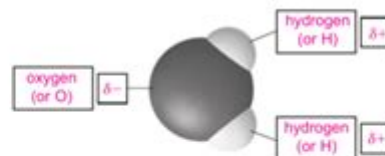
Honors Curriculum
 Core honors content
 Options to accelerate

SECTION 17.1 LIQUID WATER AND ITS PROPERTIES (pages 475–478) ◆◆◆

This section explains the hydrogen bonding that occurs in water molecules and how high surface tension and low vapor pressure can be explained in terms of hydrogen bonding.

► The Water Molecule (pages 475–476)

- What unique molecular compound is the foundation of all life on Earth?
water
- Approximately what fraction of Earth's surface is covered in water? 3/4
- Circle the letter next to each sentence that is true concerning water molecules.
 - Each O — H covalent bond in a water molecule is nonpolar.
 - In a water molecule, the less electronegative hydrogen atoms acquire a slight positive charge and the oxygen atom acquires a slight negative charge.
 - Because the water molecule has an H — O — H bond angle of 105°, the molecule as a whole is polar.
- The diagram below depicts a water molecule. Complete the labels showing the locations of the hydrogen atoms, the oxygen atom, and the regions of positive and negative charge.



- List five important properties of water that result from hydrogen bonding.
 - high surface tension
 - low vapor pressure
 - high specific heat capacity
 - high heat of vaporization
 - high boiling point

© Prentice-Hall, Inc.

Click here to access this Book :

FREE DOWNLOAD

Chapter 15 Water Aqueous Systems Test B Answers

[Chapter 15 Water Aqueous Systems](#)

Thank you very much for reading [Chapter 15 Water Aqueous Systems Test B Answers](#). As you may know, people have look hundreds times for their favorite novels like this Chapter 15 Water Aqueous Systems Test B Answers, but end up in harmful. Rather than enjoy a good book with a cup of coffee in the afternoon, instead, they juggled with a harmful insects harmful} in their desktop.

Chapter 15 Water Aqueous Systems Test B Answers is available in our book collection which online access is set to public so you can download it instantly. Our book servers hosts in multiple locations, giving you the shortest latency time to

download any of our books like this one.

Please say, the Chapter 15 Water Aqueous Systems Test B Answers is universally compatible with all reading devices

[Igcse English As A Second Language Exam Preparation Reading And Writing International Examinations, Academic Reading Series 5 Answer Key, Society Anthology Readers Writers, Science Reading And Study Workbook Answers Chapter 22, Executing Strategy Text Readings, 15 Darwins Theory Answer Key, Skills For Reading Book 2, Science D Reading And Study Workbook Answers Chapter 18, Kambi Cartoon Read, Primacy World Trade 1585 1740, 5 Reading And Writing Teachers Achievement Tests 3rd Edition, Calisthenics Superhuman Power Maximum Speed And Agility Plus Combat](#)

[Ready Reflexes Using Bodyweight Only Methodonly Superhumanonly The Animals, 1 Reading Kumon Reading Workbooks, Previous Question Papers Unisa, Incredible Hulk Readers Level, 15 Darwin S Theory Of Evolution Worksheet Answer Key, 15 Study Physics Principles And Problems Answers, Skills For Success 1 Listening And Speaking Reading, Romeo Juliet Related Readings, 15 Darwins Theory Of Evolution Test B Answers, Geometry 11a Ready To Go On Quiz Answers, To Journeys Readers Notebook Grade 4, 2009 Suzuki Vt1500 Intruder Boulevard C90 C90t Service Repair S And S Ultimate Set, Argument Text Reader Rottenberg Annette, Management Accounting Chs 1 17 15th, 15 Holey Moley Preparing Solutions Answers, French Nouveau Bleu Unite 5 Lecon 15 Workbook Answers, Fire Aim Zero \\$100 Million, Macroeconomics 15th Edition Torrent, 15 Earth Science Packet Answer Key, To Journeys Readers Notebook Grade 6](#)