

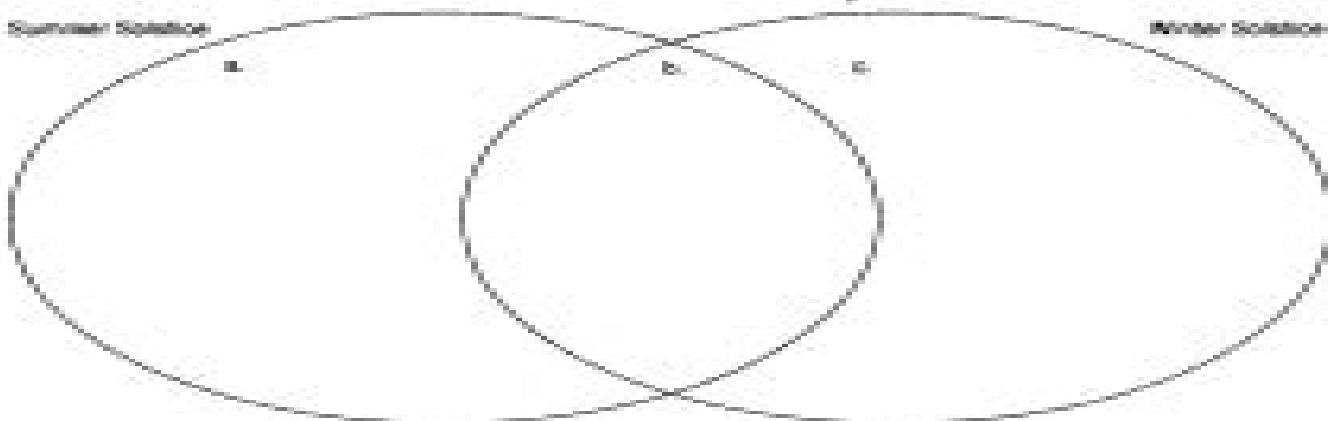
Chapter 17 The Atmosphere: Structure and Temperature

Section 17.1 Atmosphere Characteristics

This section describes the components and vertical structure of the atmosphere. It also explains how the relationship between Earth and the sun causes the seasons.

Reading Strategy

Comparing and Contrasting As you read, complete the Venn diagram by comparing and contrasting summer and winter solstices. For more information on this Reading Strategy, see the **Reading and Study Skills** in the **Skills and Reference Handbook** at the end of your textbook.



1. ☞ _____ is the state of the atmosphere at any given time and place.

Composition of the Atmosphere

2. Circle the letter of the gas that is the largest component of the atmosphere.

a. oxygen b. nitrogen
c. water vapor d. carbon dioxide

3. ☞ Is the following sentence true or false? The source of all clouds and precipitation is water vapor. _____

4. ☞ Why is the ozone layer crucial to life on Earth? _____

Height and Structure of the Atmosphere

5. Is the following sentence true or false? Atmospheric pressure increases with height. _____

Answers Section 17 1 Atmosphere Characteristics

C Cleary



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