

Chapter 17

Text Pages 478–483

STUDY GUIDE

● Ocean Water

Use the words in the box to complete the statements.

volcanoes	basins	iron
halite	salinity	chlorine

1. Billions of years ago, low areas on Earth called _____ filled with water to form oceans.
2. Besides sodium, _____ is the most abundant element in seawater.
3. The _____ of seawater is a measure of the amount of solids dissolved in it.
4. Scientists hypothesize that water vapor from _____ accumulated in Earth's early atmosphere and caused torrential rains to fall.
5. The salt used to flavor food is called _____ .
6. One example of an element that forms a solid and falls to the ocean floor is _____ .

Answer the following questions on the lines provided.

7. Where do the salts that are dissolved in seawater come from? _____

8. How do living things affect the amount of calcium and silica in the oceans? _____

9. How do volcanoes affect the composition of the oceans? _____

10. What are some of the ways in which oceans affect life on land? _____

