

Water on Earth (pages 58–63)

All Living Things Need Water (page 59)

Key Concept: All living things need water in order to carry out their body processes. In addition, many living things use water for shelter.

- Water makes up nearly two thirds of your body. You need water to live. All other living things also need water to live.
- Plants need water to carry out photosynthesis. **Photosynthesis** (foh toh SIN thuh sis) is how plants make their own food.
- Water provides habitats for many living things. A **habitat** is where an organism lives and can get all the things it needs.

Answer the following questions. Use your textbook and the ideas above.

1. Read each word in the box. In each sentence below, fill in the correct word.

condensation	photosynthesis	habitat
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- a. Where an organism lives and can get all the things it needs is a _____.
 - b. The process by which plants make their own food is called _____.
2. Is the following sentence true or false? Water is not necessary for most living things to live. _____

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Distribution of Earth’s Water (pages 60–61)

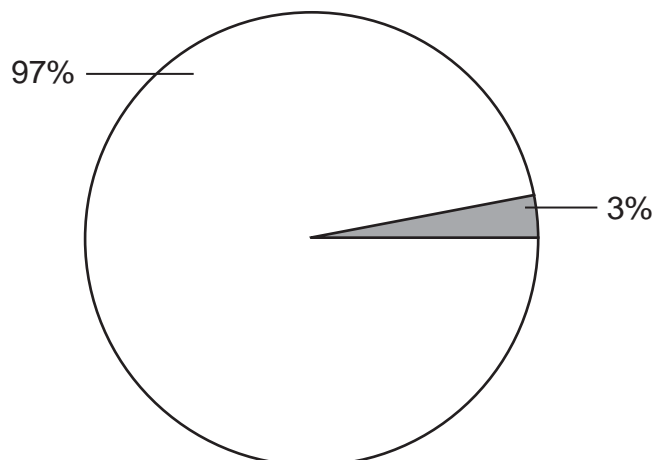
Key Concept: Most of Earth’s water—roughly 97 percent—is salt water found in oceans. Only 3 percent is fresh water.

- Earth’s oceans include the Atlantic Ocean, the Pacific Ocean, and the Indian Ocean. Together, the oceans cover a larger area than all the land on Earth combined.
- Oceans hold most of Earth’s water. The water in oceans is salt water.
- About three quarters of Earth’s fresh water is in huge ice masses near the North and South poles. There are also floating chunks of ice called icebergs.
- About a quarter of Earth’s fresh water is groundwater. **Groundwater** fills the cracks and spaces in underground soil and rock.
- Rivers and lakes contain fresh water.

Answer the following questions. Use your textbook and the ideas above.

3. The circle graph below shows the distribution of Earth’s water. Circle the letter of the part of Earth’s water that is only 3 percent.
- a. salt water b. fresh water c. groundwater

Distribution of Water on Earth



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4. The water that fills the cracks and spaces in underground soil and rock is called _____.
5. Circle the letter of each sentence that is true about the distribution of Earth's water.
 - a. About a quarter of Earth's fresh water is groundwater.
 - b. Rivers and lakes contain salt water.
 - c. The oceans cover a larger area than all the land on Earth combined.

The Water Cycle (pages 62–63)

Key Concept: In the water cycle, water moves from bodies of water, land, and living things on Earth's surface to the atmosphere and back to Earth's surface.

- The **water cycle** is how water moves from Earth's surface to the atmosphere and back again. The water cycle never stops. It has no beginning or end.
- The sun is the source of energy for the water cycle.
- Water evaporates from Earth's surface. Water is always evaporating from oceans and lakes. Water is given off by plants as water vapor in a process called **transpiration**.
- When water vapor in the air cools, it condenses. The result of this condensation is clouds.
- From clouds, water falls back to Earth as precipitation. **Precipitation** is water that falls to Earth as rain, snow, hail, or sleet.
- If the precipitation falls on land, it may run off into rivers and lakes. Water that runs off of land is called runoff. Some water soaks into the ground.

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Answer the following questions. Use your textbook and the ideas on page 42.

6. The process by which water moves from Earth's surface to the atmosphere and back again is the _____.

7. Read each word in the box. In each sentence below, fill in the correct word.

transpiration	precipitation	condensation
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a. Water that falls to Earth as rain, snow, hail, or sleet is called _____.

b. The process in which water is given off by plants as water vapor is called _____.

8. Circle the letter of each sentence that is true about the water cycle.

a. The water cycle begins with the formation of clouds.

b. The result of the condensation in the air is clouds.

c. The sun is the energy source for the water cycle.