

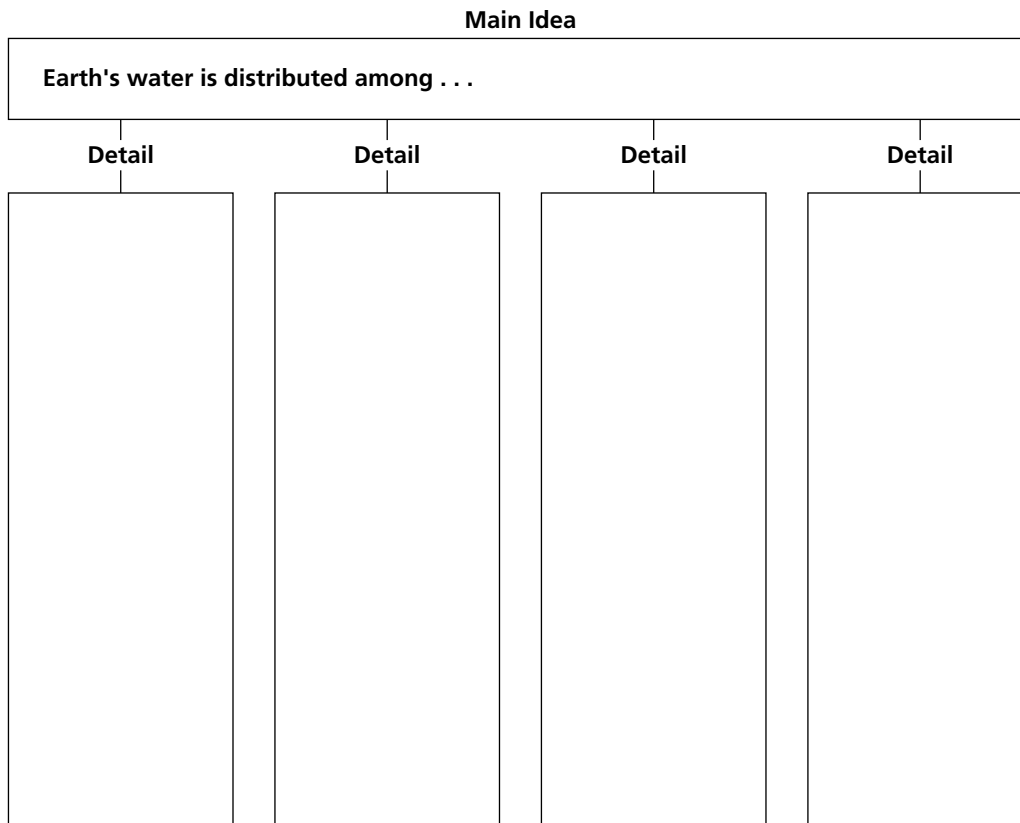
**Earth: The Water Planet** ▪ *Guided Reading and Study*

## Water on Earth

*This section explains how all living things need water. It also describes how water is distributed on Earth.*

### Use Target Reading Skills

*As you read the Distribution of Earth's Water section, complete the graphic organizer. Write the main idea in the graphic organizer. Then write four supporting details that further explain the main idea.*



### All Living Things Need Water

1. Is the following sentence true or false? Water makes up one third of the human body. \_\_\_\_\_
2. The place where an organism lives and that provides the things it needs to survive is its \_\_\_\_\_.
3. Is the following sentence true or false? Neither fresh water nor salt water provide habitats for many living things. \_\_\_\_\_

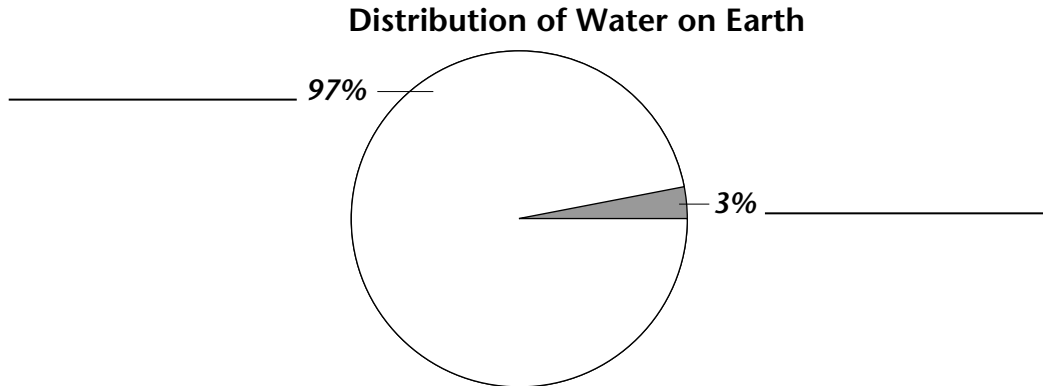
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**Water on Earth** (*continued*)

**Distribution of Earth's Water**

4. Label the circle graph to show the percentage of Earth's water that is salt water and the percentage that is fresh water.



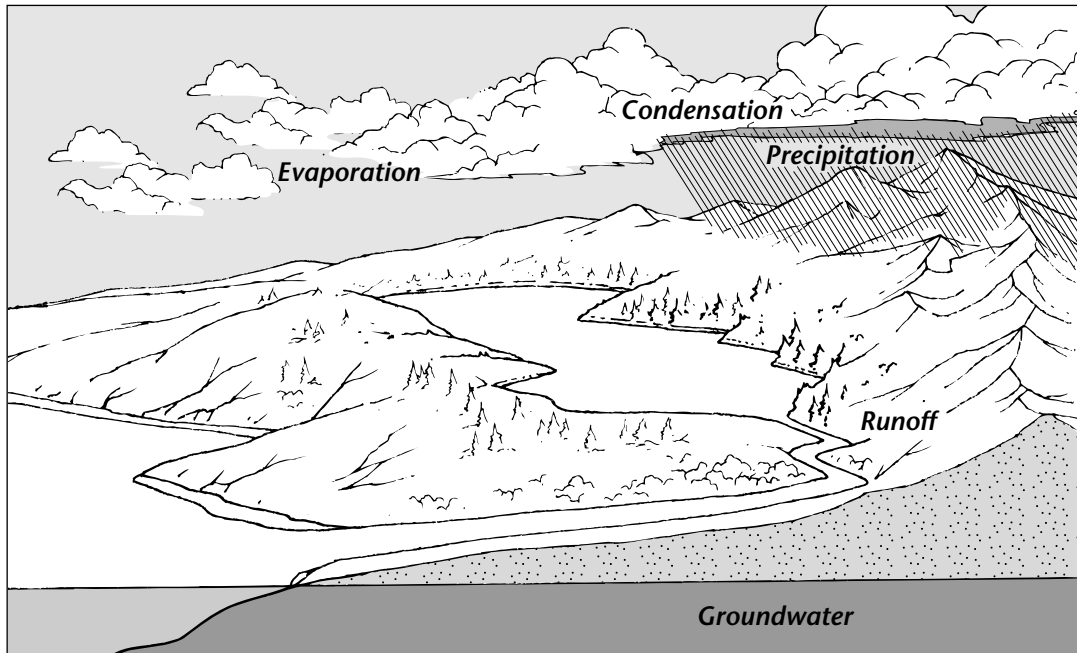
5. The gaseous form of water is called \_\_\_\_\_.
6. Circle the letter of each sentence that is true about fresh water on Earth.
- a. About three quarters of Earth's fresh water is in ice masses near the poles.
  - b. Most fresh water in the atmosphere is in the form of water vapor.
  - c. Less than 1 percent of all the water on Earth is fresh water that humans can use.
  - d. Some of Earth's fresh water is deep underground.
7. Circle the letter of each sentence that is true about the oceans on Earth.
- a. All Earth's oceans are connected to form a single world ocean.
  - b. The Atlantic Ocean is deeper than the Indian Ocean.
  - c. The Pacific Ocean covers more area than all Earth's land put together.
  - d. The Arctic Ocean is next to the Indian Ocean.
8. Is the following sentence true or false? Icebergs are formed from frozen salt water. \_\_\_\_\_
9. Water that fills the cracks and spaces in underground soil and rock layers is called \_\_\_\_\_.

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**The Water Cycle**

- 10. Circle the letter of each sentence that is true about the water cycle.
  - a. It naturally recycles water.
  - b. It is powered by energy from the sun.
  - c. It is a continuous process.
  - d. It does not involve living things.
- 11. Is the following sentence true or false? All the water on Earth has been through the water cycle. \_\_\_\_\_
- 12. Is the following sentence true or false? The water cycle has a beginning and an end. \_\_\_\_\_
- 13. How do plants take in water?  
\_\_\_\_\_  
\_\_\_\_\_
- 14. Add arrows to the diagram to show how water moves through the water cycle.

**The Water Cycle**



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**Water on Earth** *(continued)*

15. Why isn't water vapor that comes from the ocean salty?

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16. Complete the table.

**Processes in the Water Cycle**

Process	Role in the Water Cycle
Evaporation	Produces water vapor from bodies of water
	Produces water vapor from plants
	Forms clouds from water vapor

17. Why does water vapor condense when it travels far above Earth?

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18. Describe how clouds form.

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19. How does precipitation occur?

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20. List four forms of precipitation.

a. \_\_\_\_\_ b. \_\_\_\_\_

c. \_\_\_\_\_ d. \_\_\_\_\_

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21. Is the following sentence true or false? Little precipitation actually falls directly into the oceans. \_\_\_\_\_
22. Circle the letter of each sentence that is true about Earth's water supply.
  - a. Precipitation is the source of all fresh water on Earth.
  - b. The water cycle uses up Earth's fresh water supply.
  - c. Earth's total water supply has decreased greatly over the past million years.
  - d. In the world as a whole, rates of evaporation and precipitation are balanced.