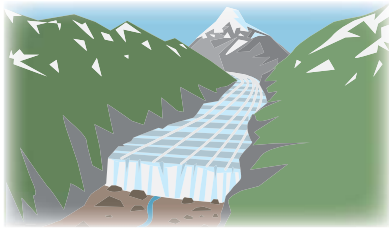


# Sum It Up >>

Write the term that matches each photo and caption.

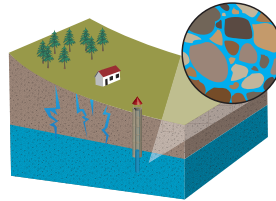
1

Water can be stored for a long time in a large, slow-moving mass of ice. \_\_\_\_\_



2

Water can also be stored underground between the spaces in soil particles or cracks in rocks. \_\_\_\_\_



3

During heavy rains, some water might not soak into the ground. Instead, it flows down slopes and across Earth's surface. \_\_\_\_\_



Fill in the missing words to describe the water cycle.

The water cycle shows how water moves from Earth's surface to the 4. \_\_\_\_\_ and back again. The 5. \_\_\_\_\_ provides the energy for the water cycle. Water on the surface of the ocean heats up. During 6. \_\_\_\_\_, it changes from a liquid to a gas. As 7. \_\_\_\_\_ rises into the atmosphere, it cools. During 8. \_\_\_\_\_, it changes from a gas to a liquid. Billions of water droplets form a 9. \_\_\_\_\_. When the droplets get too large for air currents to keep them up, they fall to Earth's surface as 10. \_\_\_\_\_.



Name \_\_\_\_\_

### Vocabulary Review

1

Use the clues to fill in the missing letters of the words.

1. g \_ \_ \_ \_ w \_ 10 Water stored underground
2. \_ o \_ d \_ \_ \_ \_ \_ The changing of water from a gas to a liquid
3. \_ a \_ \_ \_ 7 c \_ \_ The movement of water from Earth's surface to the atmosphere and back again
4. \_ t \_ \_ \_ p \_ \_ \_ 4 Mixture of gases that surrounds Earth
5. \_ r \_ 8 i \_ \_ \_ \_ t \_ \_ \_ Water that falls from clouds to Earth's surface
6. 5 u \_ \_ \_ \_ Water that flows across Earth's surface
7. g 9 \_ 6 i \_ \_ A huge mass of frozen water that moves slowly
8. \_ r \_ n \_ \_ i \_ \_ 3 \_ \_ \_ The process in which plants return water vapor to the atmosphere
9. 1 \_ t \_ \_ \_ a \_ \_ \_ Water as a gas
10. \_ v \_ \_ o \_ 2 t \_ o \_ The changing of water from a liquid to a gas

#### Bonus: Solve the Riddle!

Use the circled letters in the clues above to solve the riddle.

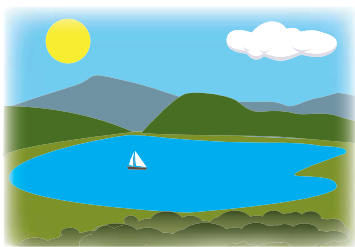
What is water's favorite way to travel?

On a 1 2 3 4 5 6 7 8 9 10



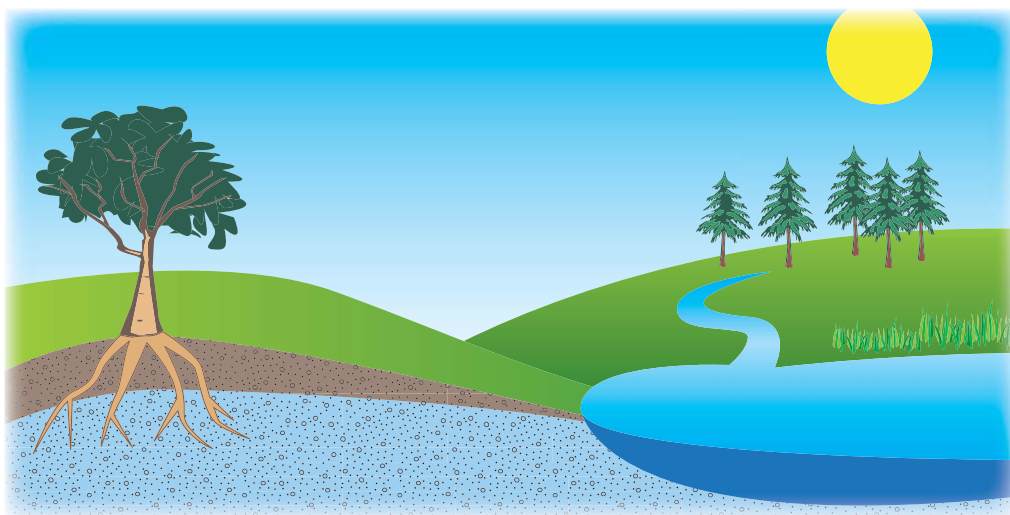
## Apply Concepts

- 2** The sentences below show the steps that lead to the formation of a cloud. Number the steps to place them in the proper order.



- \_\_\_\_\_ Water vapor cools and condenses around tiny particles.
- \_\_\_\_\_ Water is heated by the sun.
- \_\_\_\_\_ Water evaporates into the air.
- \_\_\_\_\_ Billions of water droplets join together.

- 3** In the picture below, show how groundwater can return to the atmosphere. Use arrows to show how the water moves and use wavy lines to show evaporation.



- 4** What would happen if water could not condense in the atmosphere?

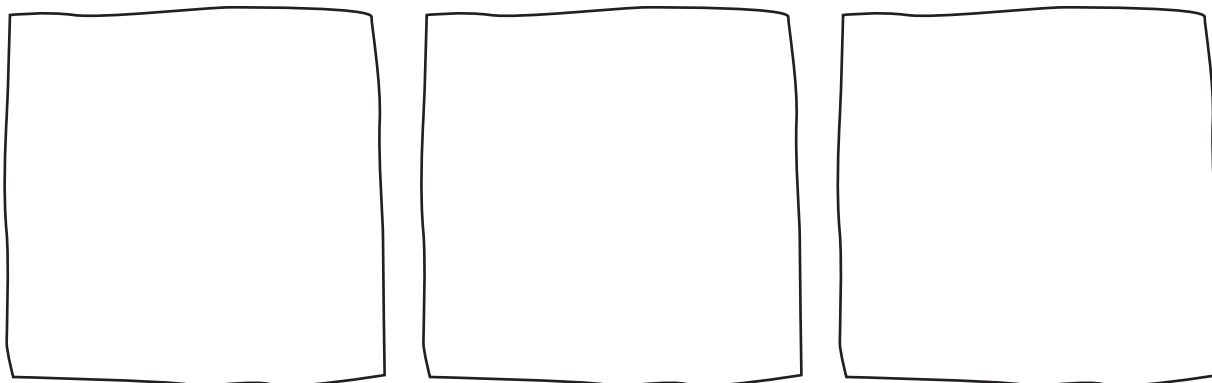
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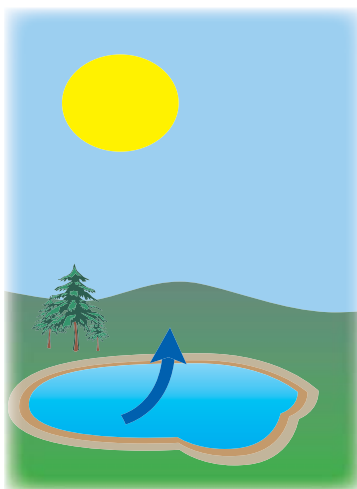
- 5** In the spaces below, draw and label examples of water in the atmosphere as a solid, a liquid, and a gas. Hint: Wavy lines may be used to represent water vapor.




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- 6** Label each of the following scenes as an example of evaporation, precipitation, or condensation. Then briefly describe what happens during each process.




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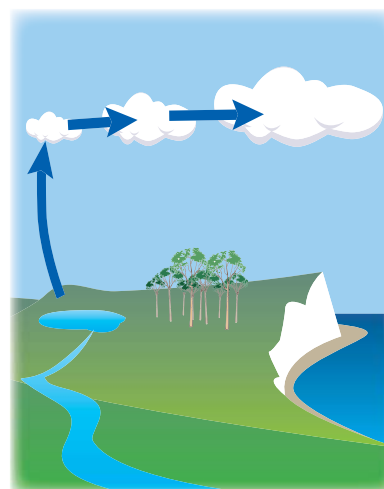
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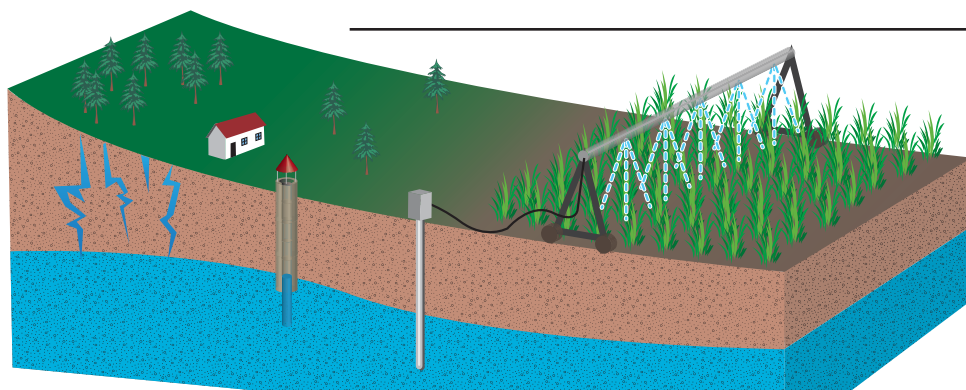

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7

The picture shows stored water being used to irrigate crops. Circle and label the source of the water. How may this stored water be renewed?



8

During an ice age, water is stored in glaciers. The picture below shows land area before and after an ice age. How are the land area and the oceans affected during an ice age?




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Take It  
Home!

See *ScienceSaurus*® for more information about water on Earth.