

Module Test: The Water Cycle

1) Where is water stored?

- A) on Earth's surface
- B) in the atmosphere
- C) underground
- D) all of the above

2) When water evaporates, it enters the _____.

- A) atmosphere
- B) biosphere
- C) geosphere
- D) hydrosphere

3) Water vapor is released by plants through their leaves. This process is called _____.

- A) transpiration
- B) respiration
- C) evaporation
- D) photosynthesis

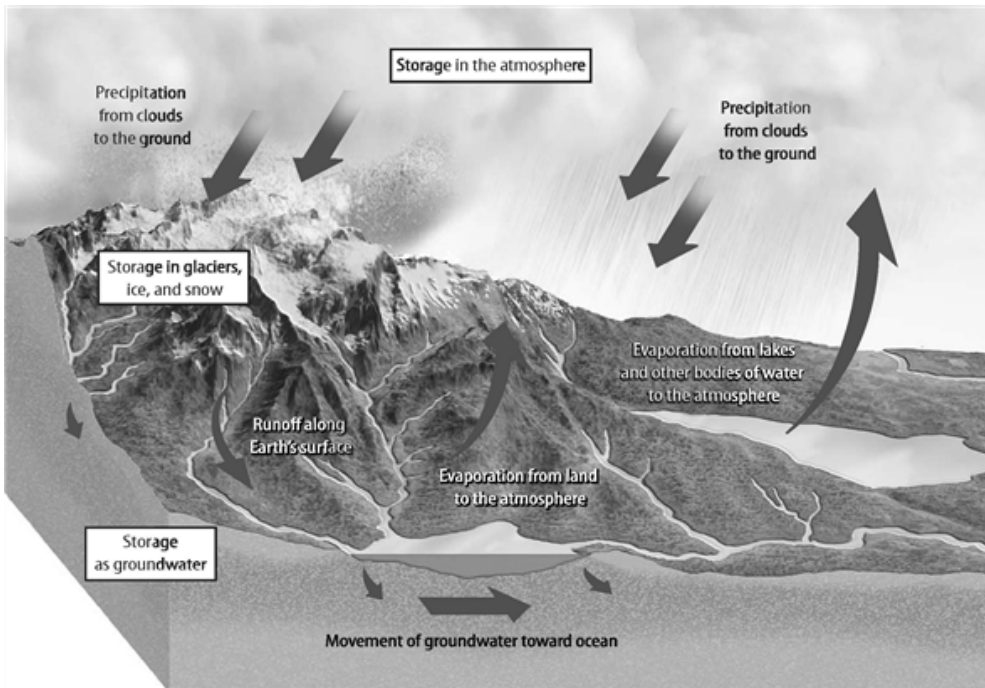
4) The natural locations where water is stored are called _____.

5) Where is water found in the gaseous state?

- A) ocean, lakes and streams
- B) glaciers
- C) atmosphere
- D) polar caps

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6) Use the diagram to answer the following questions.



Water evaporates into the _____ from bodies of water and from plants.

7) As water travels through the water cycle, it remains in storage areas for periods of time. These storage areas are called which of the following?

- A) receptacles
- B) reservoirs
- C) condensation
- D) hydrosphere

8) _____ is the opposite of evaporation.

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9) Explain two ways water changes from a liquid on Earth's surface to water vapor in the air.

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- 10)** Describe the water cycle. Use the terms *gravity*, *energy from the Sun*, *evaporation*, *condensation*, *precipitation*, *runoff*, and *storage* in your explanation.

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11) Water evaporates from _____.

- A) bodies of water
- B) from trees
- C) from humans
- D) all of the above

12) The process of water vapor changing to a liquid is called _____.

- A) evaporation
- B) precipitation
- C) condensation
- D) convection

13) When water droplets in a cloud combine, become too heavy, and fall to the ground as rain, snow, sleet, or hail, we are experiencing _____.

- A) evaporation
- B) condensation
- C) precipitation
- D) transpiration

14) Which of the following is NOT part of the water cycle?

- A) nitrogen fixation
- B) evaporation
- C) condensation
- D) precipitation

15) The water level goes down in a glass left on the counter because of _____.

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16) What drives the movement of water in the water cycle?

- A)** sunlight and gravity
- B)** gravity and electricity
- C)** sunlight and magnetism
- D)** electricity and magnetism

17) Where is groundwater stored?

- A)** in lakes and rivers
- B)** in oceans
- C)** in ice caps at the poles
- D)** in cracks and pores beneath Earth's surface

18) During the process of _____, a liquid turns into a crystalline solid.

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19) This table contains data on deforestation of rainforests in the state of Rondonia, Brazil.

**Deforestation in
Rondonia, Brazil**

Year	Deforested Area (sq km)
1978	4,200
1988	30,000
1998	53,000
2003	67,764

Using your understanding of the water cycle, describe how the water cycle in Rondonia would be affected by the changes indicated by the data in the table.

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- 20)** Describe how water moves through Earth's systems, including land, surface water, and the atmosphere. Identify the forces that drive the processes that move the water.

