

## Lesson Check: Water in the Atmosphere

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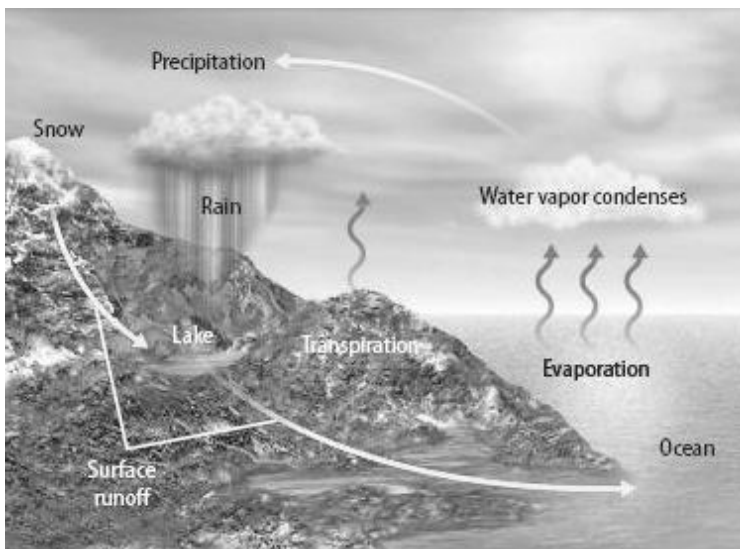
1) The atmosphere and the hydrosphere overlap.

- True
- False

2) Water leaves the plant life of biosphere and enters the atmosphere by way of transpiration.

- True
- False

3) The wavy vertical arrows represent the movement of water into which of Earth's systems?



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

4) When water vapor loses thermal energy it \_\_\_\_\_, and millions of droplets come together to form clouds.

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5) During which part of the water cycle is energy absorbed by water?

6) What are the three states of water in Earth's system?

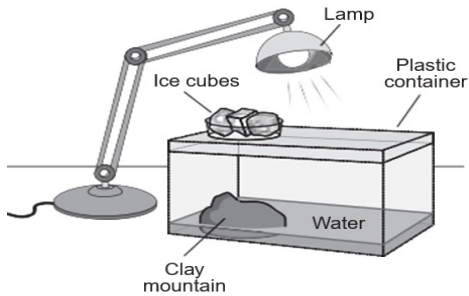
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- 7) The process of liquid changing to a gas at the surface of the liquid is called \_\_\_\_\_.
- A) condensation
  - B) melting
  - C) boiling
  - D) evaporation
- 8) How does the energy from the Sun cause evaporation?
- A) It breaks the bond between the water and the ground.
  - B) It breaks the bond between the water molecules.
  - C) It attracts the water molecules.
  - D) It causes transpiration from streams.
- 9) A \_\_\_\_\_ is made up of water droplets or ice crystals that are so small they remain suspended in the air.
- 10) Clouds form when \_\_\_\_\_ rises, cools, and condenses into tiny droplets that join together.
- A) snowflakes
  - B) water vapor
  - C) smog
  - D) smoke

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- 11) Jackson creates the model shown in the diagram. He forms a clay mountain at the bottom of a plastic container and adds water to the container. Jackson then places a lid on top of the container and a petri dish filled with ice cubes on top of the lid. Next, he places a lamp over the container and turns it on.



- a. What observation would indicate to Jackson that water is being cycled within the model?

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Date: \_\_\_\_\_

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b. Explain why the observation is evidence that water is being cycled within the model.