

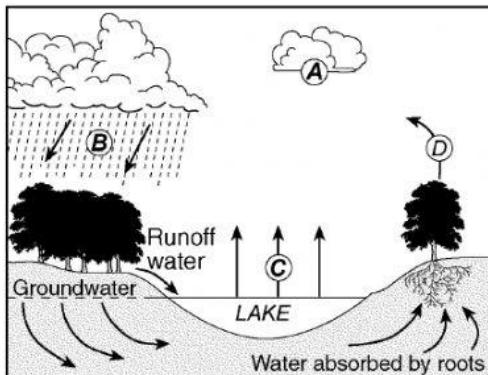
Name: _____

Water Cycle Questions Worksheet

___ 1) Which processes of the water cycle return water vapor directly to the atmosphere?

- water retention and runoff
- freezing and precipitation
- infiltration and capillarity
- evaporation and transpiration

___ 2) The letters *A* through *D* in the cross section below represent four of the processes that are part of the water cycle.



Which table correctly matches each letter with the process that it represents?

Letter	Process
<i>A</i>	condensation
<i>B</i>	precipitation
<i>C</i>	evaporation
<i>D</i>	transpiration

Letter	Process
<i>A</i>	transpiration
<i>B</i>	precipitation
<i>C</i>	evaporation
<i>D</i>	condensation

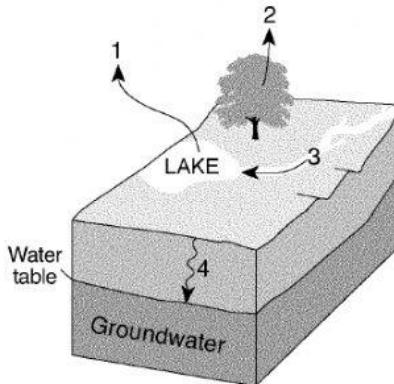
Letter	Process
<i>A</i>	evaporation
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<i>A</i>	condensation
<i>B</i>	precipitation
<i>C</i>	transpiration
<i>D</i>	evaporation

___ 3) The water table usually rises when there is

- a decrease in the amount of surface area covered by vegetation
- an increase in the slope of the land
- an increase in the amount of precipitation
- a decrease in the amount of infiltration

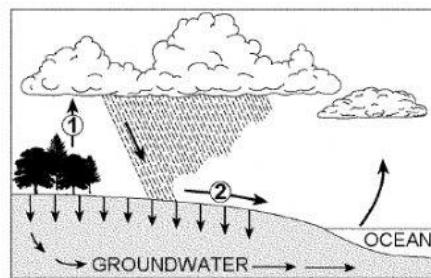
___ 4) The arrows in the block diagram below show the movement of water after it has fallen as precipitation.



Which arrow indicates the process of transpiration?

- 1
- 2
- 3
- 4

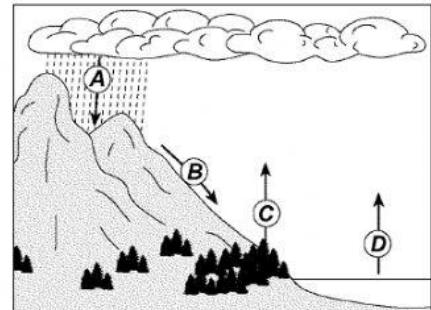
___ 5) The arrows in the diagram below represent processes in the water cycle.



Which processes in the water cycle are identified by the numbered arrows?

- Process 1 is transpiration; process 2 is runoff.
- Process 1 is precipitation; process 2 is runoff.
- Process 1 is condensation; process 2 is infiltration.
- Process 1 is evaporation; process 2 is infiltration.

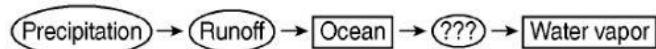
___ 6) The arrows in the diagram below represent the movement of water in the water cycle.



Which arrow represents the process of transpiration?

- A*
- B*
- C*
- D*

— 7) The flowchart below shows part of Earth's water cycle. The question marks indicate a part of the flowchart that has been deliberately left blank.

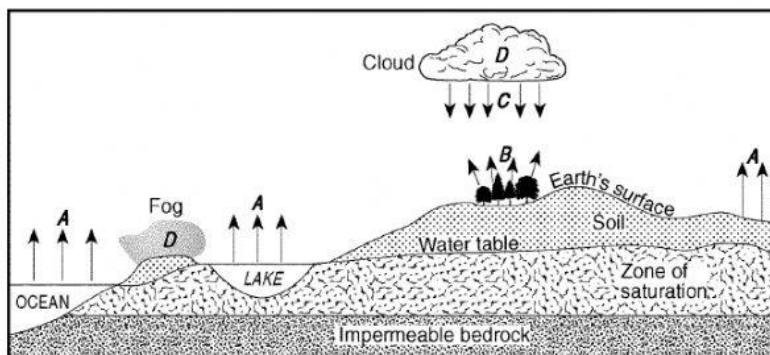


Which process should be shown in place of the question marks to *best* complete the flowchart?

A) condensation B) deposition C) evaporation D) infiltration

Questions 8 and 9 refer to the following:

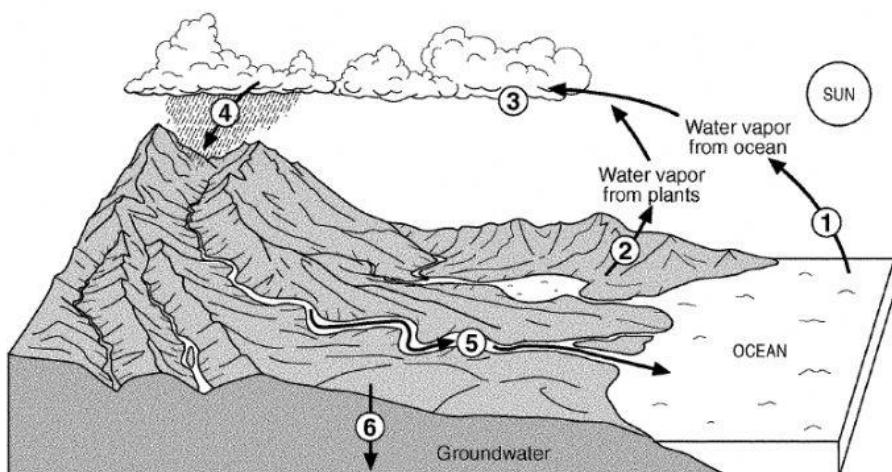
The cross section below represents part of Earth's water cycle. Letters *A*, *B*, *C*, and *D* represent processes that occur during the cycle. The level of the water table and the extent of the zone of saturation are shown.



— 8) Which two letters in the diagram shown represent processes in the water cycle that usually cause a lowering of the water table?
 A) *A* and *B* C) *C* and *D*
 B) *B* and *D* D) *A* and *C*

— 9) What are two water cycle processes *not* represented by arrows in the cross section shown?
 A) transpiration and condensation
 B) precipitation and freezing
 C) runoff and infiltration
 D) evaporation and melting

10) The diagram below shows a model of the water cycle. The arrows show the movement of water molecules through the water cycle. The circled numbers represent the processes that occur as the water molecules reach the different stages of the water cycle.



Complete the table provided below by identifying the name of the water cycle process occurring at each number.

Number	Water Cycle Process
1	
2	
3	
4	
5	
6	