

## Grade 4 Science Worksheet 4: Water Cycle and Its Importance (Difficulty Level: Advanced)

Name: \_\_\_\_\_

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

### Question 1: Why does most evaporation happen over oceans?

- a) Oceans have the most water exposed to sunlight.
  - b) Oceans are always warmer than land.
  - c) Salt in the water helps evaporation.
  - d) Air pressure is higher above oceans.
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### Question 2: What happens to water when it infiltrates the ground?

- a) It becomes part of the groundwater and can flow to rivers and lakes.
  - b) It evaporates immediately.
  - c) It turns into ice underground.
  - d) It remains trapped and never moves.
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### Question 3: How does the sun power the water cycle?

- a) It warms the air, stopping evaporation.
  - b) It heats water, causing evaporation.
  - c) It freezes water into ice.
  - d) It cools down clouds to make them heavier.
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### Question 4: Which part of the water cycle is responsible for providing fresh water?

- a) Evaporation
- b) Precipitation
- c) Condensation
- d) Transpiration

**Question 5: What is runoff in the water cycle?**

- a) Water flowing into rivers and oceans after precipitation
  - b) Water turning into vapor during evaporation
  - c) Water soaking into the ground
  - d) Water becoming solid ice
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**Bonus Question:**

**How does deforestation affect the water cycle?**

- a) It increases rainfall by releasing more water vapor.
- b) It decreases transpiration, leading to reduced rainfall.
- c) It causes oceans to evaporate faster.
- d) It stops condensation from forming clouds.

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