



Earth's Systems: Water and Weather

Name: _____

Date: _____

Grade: Grade 5

Part A: Multiple Choice

Circle the best answer for each question.

1. About what percent of Earth's water is found in oceans as salt water?

- A) 97 percent
- B) 50 percent
- C) 25 percent
- D) 3 percent

2. Where is the largest share of Earth's freshwater stored?

- A) Rivers and streams
- B) Glaciers and polar ice
- C) Underground aquifers
- D) Clouds in the atmosphere

3. Which interaction best describes a hurricane gaining strength over warm ocean water?

- A) Geosphere with biosphere
- B) Atmosphere with biosphere
- C) Atmosphere with hydrosphere
- D) Geosphere with atmosphere

4. Which statement best distinguishes climate from weather?

- A) Climate is forecast hourly; weather is predicted yearly.
- B) Climate is short-term; weather is long-term.
- C) Climate only happens at sea; weather only on land.
- D) Climate is long-term average; weather is short-term conditions.

Part B: Fill in the Blank

Write the correct answer on each line.

1. If global temperatures rise, glaciers melt and add freshwater to the _____.
2. A long period of below-average rainfall in a region is called a _____.
3. Warmer ocean water can fuel stronger storms, an example of energy moving from the hydrosphere to the _____.
4. Cutting down a forest reduces transpiration and changes how much water enters the _____.
5. Only about _____ percent of Earth's water is liquid freshwater that humans can easily use.

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Part B: Fill in the Blank

Write the correct answer on each line.

1. If global temperatures rise, glaciers melt and add freshwater to the oceans .
2. A long period of below-average rainfall in a region is called a drought .
3. Warmer ocean water can fuel stronger storms, an example of energy moving from the hydrosphere to the atmosphere .
4. Cutting down a forest reduces transpiration and changes how much water enters the atmosphere .
5. Only about 1 percent of Earth's water is liquid freshwater that humans can easily use.