

Saltwater and Freshwater Assignment – Student Edition

I. Video Analysis

Watch the video entitled **“Show me the Water”** by NASA (Link: <https://youtu.be/4HSFKwho7MQ>)

Then, answer the following questions given in the video.

1. Why do you think Earth is considered as a water planet?

2. Describe the distribution of saltwater and freshwater on Earth.

3. How many percent of freshwater is accessible and usable by humans? Do you think it is enough? Why or why not?

4. Describe how freshwater is used in the United States.

5. How is freshwater used elsewhere in the globe, particularly in developing countries?

6. Explain the role of precipitation in replenishing freshwater supply on Earth?

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II. Modified True or False

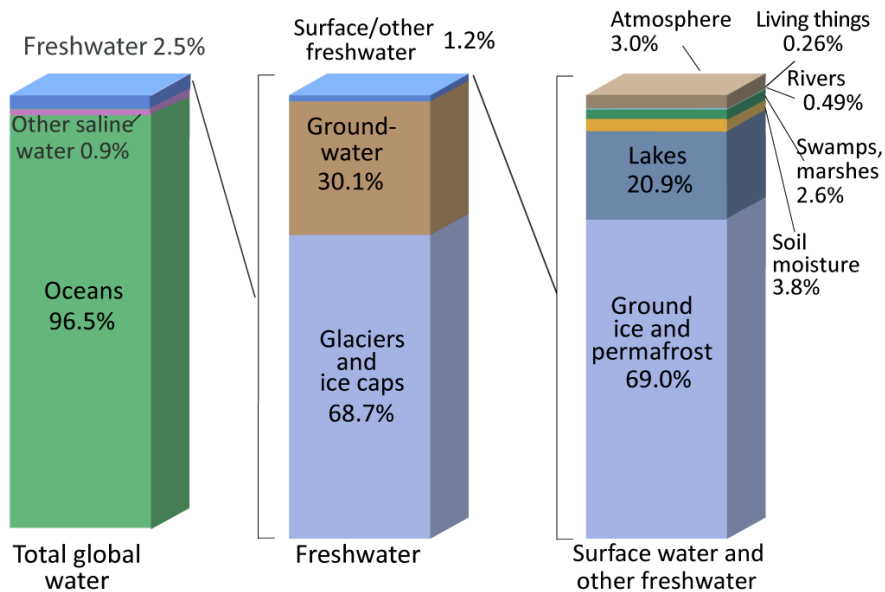
On the blank, write **true** if the statement is true. If false, change the underlined word/s to make the statement true.

- _____ 1. About $\frac{3}{4}$ of Earth’s surface is covered with land.
- _____ 2. Most of Earth’s water are found in the oceans.
- _____ 3. Salinity refers to the amount of salt dissolved in a body of water.
- _____ 4. Saltwater has higher salinity compared to freshwater.
- _____ 5. Freshwater is denser than saltwater.
- _____ 6. Brackish water has salinity that is between freshwater and saltwater.
- _____ 7. Estuary is an example of fresh water.
- _____ 8. Only 1% of freshwater is made available and usable for humans.
- _____ 9. Most of Earth’s saltwater are locked in in ice caps and glaciers.
- _____ 10. Groundwater is an example of freshwater.

III. Analyzing Infographic

Analyze the given infographic below. Then, answer the following questions.

Where is Earth’s Water?



Source: Igor Shiklomanov's chapter "World fresh water resources" in Peter H. Gleick (editor), 1993, Water in Crisis: A Guide to the World's Fresh Water Resources. (Numbers are rounded).

Name: _____ Period: _____ Date: _____

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1. Describe the total global water distribution.

2. How is freshwater on Earth distributed?

3. Describe the distribution of the amount of surface water and other freshwater.

4. In which area are surface water and other freshwater mostly found?

5. Which body of water contains the most amount of surface water and other freshwater?

6. What does the infographic tell about the amount of freshwater available for human consumption?

7. Knowing that freshwater exists in limited amounts, what are some ways you can do to help conserve it?
