

Answer Key with Questions

Lesson Check: Water Distribution on Earth

1) Choose the answer that **best** explains one reason why conservation of freshwater is important.

- ☐ Freshwater should be conserved because it is limited to Earth's groundwater.
- ☐ Freshwater should be conserved because it can be found in large quantities on Earth.
- ☐ Freshwater should be conserved because it is limited to Earth's oceans.
- ☐ Freshwater should be conserved because it is the only water that can be consumed by humans.

Correct Answer

Freshwater should be conserved because it is the only water that can be consumed by humans.

2) Less than 1 percent of Earth's freshwater is readily available for human and animal use. Where is the majority of the remaining freshwater located?

- ☐ in ice caps and glaciers
- ☐ in the atmosphere
- ☐ in the oceans
- ☐ in lakes and rivers

Correct Answer

in ice caps and glaciers

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3) Fill in the blanks using the available answer choices.

Lakes and rivers are part of the _____ .
(Blank 1)

Blank 1 options

- hydrosphere
- geosphere

Correct Answer

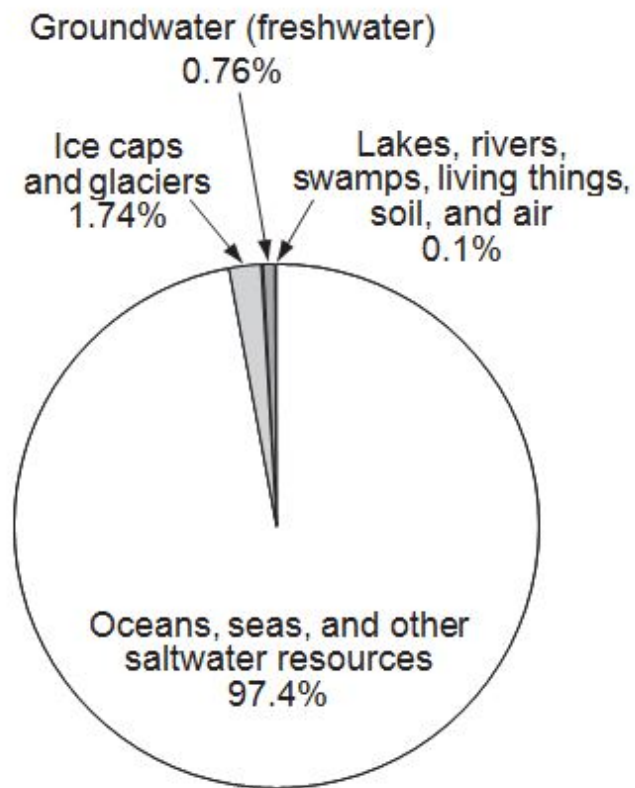
hydrosphere

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4)

Distribution of Water on Earth



Based on the graph above, what can you conclude about the water on Earth?

- ☐ 97.4 percent of the water on Earth is saltwater
- ☐ 10 percent of the water on Earth is freshwater
- ☐ 55 percent of the water on Earth is saltwater
- ☐ 97.4 percent of the water on Earth is freshwater

Correct Answer

97.4 percent of the water on Earth is saltwater

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5) Freshwater Source Percentages

Source	Percentage (%)
Ground Ice and Permafrost	?
Lakes and Rivers	21.4
Groundwater	3.8
Other	5.8

Based on the table, what can you conclude about the percentage of ground ice and permafrost?

- ☐ The percentage of ground ice and permafrost is the same as groundwater.
- ☐ The percentage of ground ice and permafrost is greater than any other source.
- ☐ The percentage of ground ice and permafrost is less than any other source.
- ☐ The percentage of ground ice and permafrost is the same as lakes and rivers.

Correct Answer

The percentage of ground ice and permafrost is greater than any other source.

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6) Fill in the blanks using the available answer choices.

Around 97 percent of the water on Earth's surface is _____ water.
(Blank 1)

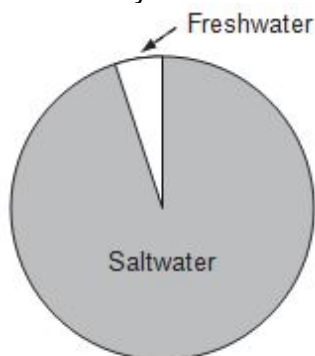
Blank 1 options

- salt
- fresh

Correct Answer

salt

7) What can you infer about water on Earth based on the pie graph?



- ☐ Freshwater is abundant on Earth, while saltwater is limited.
- ☐ Saltwater is abundant on Earth, while freshwater is limited.
- ☐ There is an equal amount of saltwater and freshwater on Earth.
- ☐ Freshwater is located mostly in ice caps and glaciers.

Correct Answer

Saltwater is abundant on Earth, while freshwater is limited.

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8) A reservoir is an artificial lake that is built to _____ water for a later time.

Correct Answer

store

9) Identify the statement that best describes where Earth's freshwater can be found.

- ☐ Most of the freshwater is trapped in glaciers and ice caps.
- ☐ Earth's freshwater is spread out equally over ice, groundwater, and surface water.
- ☐ Most of the freshwater on Earth is found underground. The rest is stored as surface water.
- ☐ Earth's freshwater is found mostly in rivers and streams. Very little is found in glaciers or ice caps.

Correct Answer

Most of the freshwater is trapped in glaciers and ice caps.

10) How are glaciers and oceans similar?

- ☐ Both contain salt water and are difficult for humans to use.
- ☐ Both contain freshwater and are difficult for humans to use.
- ☐ Oceans contain salt water and glaciers contain fresh water, but both both are difficult for humans to use.
- ☐ Oceans contain salt water and glaciers contain fresh water, and both both are easy for humans to use.

Correct Answer

Oceans contain salt water and glaciers contain fresh water, but both both are difficult for humans to use.