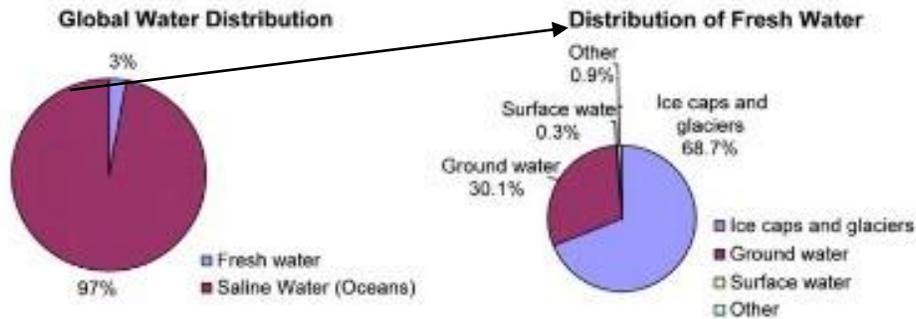


Humans depend on water supply and quality.

Student _____

Class _____

The Distribution of Water on Earth



1. Because our planet has a lot of water on it's surface and is rich in vegetation, astronauts from space have described the Earth as the ...



2. Of all the water on the Earth, the only water that is **fit** for humans to drink is called ...
- A pure water
 - B spring water
 - C potable water
 - D purified water
3. **Models** are often used to help explain a concept that is important to visualize, so you can understand and relate to it more easily.

This glass of lemonade models the distribution of all kinds of water on the Earth (like the chart illustrated above).

All of the frozen fresh water on the Earth (like in the graph above) is represent in this lemonade model by the ...

- A ice cubes
- B lemonade
- C lemon slice
- D melted water



4. Many substances are dissolved in freshwater and saltwater. Because water is widely used to dissolve substances, it is known as the ...

Water Quality

5. Most of the substances that are dissolved in water are salts. Not just sodium chloride, but many different kinds of salts. The total amount of all salts dissolved in the water is referred to as its ...

6. Hard water can cause pipes that carry it to become clogged with scales of minerals.



Hard water is water that contains high concentrations of dissolved ...

- A Calcium and chlorine** **C Hydrogen and oxygen**
B Calcium and magnesium **D Gold and silver**

7. Many organisms live in water. They require it for life, just as humans do. Organisms, such as bacteria, can cause very serious problems for humans. One of the most deadly organisms is *Escherichia Coli*, which can cause extreme sickness and even death. This organism is most often referred to as...

8. Water quality is a vital issue because many of the organisms, which can harm humans, are too small to see with the naked eye. Another organism, which can give humans intestinal problems, is Giardia, which is a microscopic ...

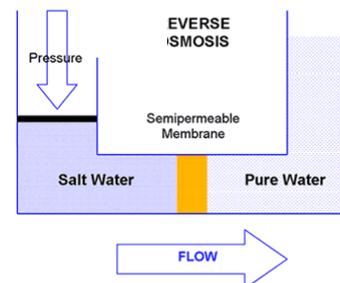


- A virus** **C parasite**
B fungus **D bacteria**

9. When testing samples of water for the presence of living organisms, the students put 125ml of their samples into separate flasks and added 5 drops of **bromothymol blue**. They labeled it, put a stopper in it and placed it in a warm, dark place for 24 hours. What were they looking for, to indicate that living organisms were present in the water?

- A A color change**
B A temperature change
C The presence of bubbles
D A decrease in water level

10. Two common processes are used to change saltwater into freshwater. One of these processes is distillation, while the other one forces saltwater through a filter, or membrane with holes too small for the salt to fit, in a process called ...

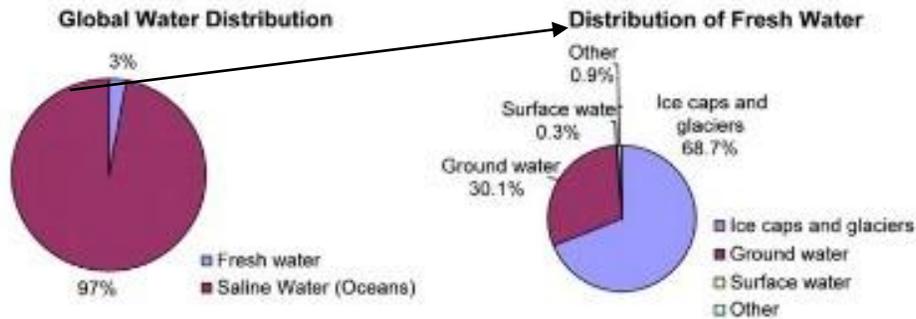


Humans depend on water supply and quality.

Student _____

Class _____

The Distribution of Water on Earth



1. Because our planet has a lot of water on it's surface and is rich in vegetation, astronauts from space have described the Earth as the ...



Blue Planet

2. Of all the water on the Earth, the only water that is fit for humans to drink is called ...

- A pure water
- B spring water
- C potable water
- D purified water

3. **Models** are often used to help explain a concept that is important to visualize, so you can understand and relate to it more easily.

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4. Many substances are dissolved in freshwater and saltwater. Because water is widely used to dissolve substances, it is known as the ...

universal solvent

Water Quality

5. Most of the substances that are dissolved in water are salts. Not just sodium chloride, but many different kinds of salts. The total amount of all salts dissolved in the water is referred to as its ...

_____ **salinity** _____

6. Hard water can cause pipes that carry it to become clogged with scales of minerals.



Hard water is water that contains high concentrations of dissolved ...

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_____ **E coli** _____

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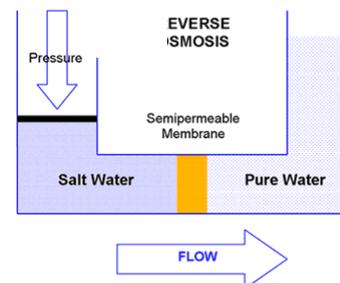


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_____ **reverse osmosis** _____