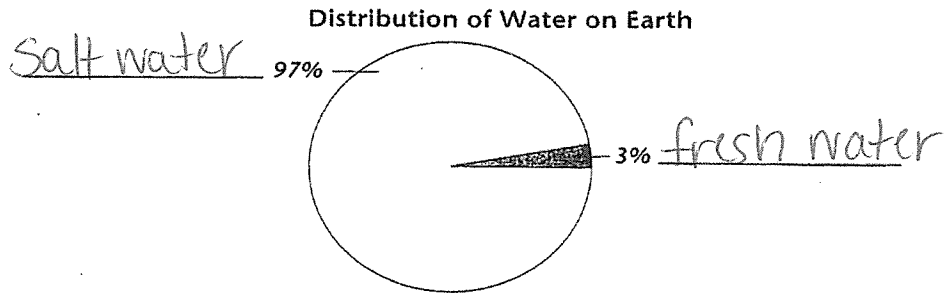


Water TEST: Review

1) Label the circle graph to show the percentage of Earth's water that is salt water and the percentage that is fresh water.



2) What is the gaseous form of water called? water vapor

3) What is most of Earth's fresh water in? North/South poles

4) What is ground water?

Water that soaks into the ground, after falling as precipitation. Fills in the cracks + spaces

5) What is the chemical formula for water? H₂O

6) At what temperatures does water freeze? 32°F and 0°C

7) What is a polar molecule? A molecule that is electrically charged.

8) Surface Tension allows insects to "skate" across the surface of the water.

9) What is the difference between a solution and solvent?

Solution - mixture forms when one substance dissolves another
Solvent - the substance that does the dissolving

10) Explain why water is the universal solvent:

It dissolves so many substances.

11) List the 3 states of matter: Solid, Liquid, gas

12) The end state of :

Boiling: gas

Evaporation: gas

Freezing: solid Give an example: ice cube

Melting: liquid

Condensation: Liquid Give an example: Fog up window

13.) What is the amount of heat needed to increase the temperature of a certain mass of a substance by 1 degree Celsius? specific heat

14.) What powers the water cycle? sun

15.) The water cycle is a continuous process.

16.) Does the water cycle have a beginning and end? Explain

No, it is a cycle. Keeps going

17.) Plants give off a significant amount of water through the process of transpiration

18.) Describe how clouds form

condensed water droplets clump together around tiny dust particles

19.) How does precipitation occur?

As water condenses, water droplets in clouds grow larger & heavier. They fall back to Earth.

Fill in the diagram below:

