The Water Cycle Webquest

Click on the button labeled “**The Water Cycle**”. Answer the following questions.

1. Define "water cycle". \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. What fraction of the earth’s surface is covered in water? \_\_\_\_\_\_\_\_\_%
3. What percentage of all the Earth’s water is in a form that is useable to humans and land animals? \_\_\_\_\_\_\_\_\_%

Click on “**Scientific Concepts**” on the left of the page. Answer the following questions.

1. Evaporation is the process where a liquid changes from its \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ state to a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ state.
2. Why is evaporated water so Clean?\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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1. Condensation occurs when a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is changed into a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
2. Condensation is the opposite of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
3. When the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ are right, the small droplets of water in clouds form larger droplets and precipitation occurs.

Click on “**The Cycle**” on the left of the webpage. Answer the following questions.

1. Using the terms "evaporation", "condensation", and "precipitation", explain the water cycle in your own words.

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1. What factor is most important in determining whether water is a solid, liquid, or gas?
2. Is the amount of water on Earth always changing or is it a constant amount?