

Name _____ Date _____

Hydrosphere Unit Study Guide

Directions – answer the following questions and study them to prepare for the unit test next class.

1. Why is ice less dense than liquid water?
2. What is the source of energy that fuels the water cycle?
3. Which phase change in the water cycle releases energy?
4. Which property of water allows drops to form?
5. How is the term “reservoir” used to describe water on Earth?
6. Draw a chart representing how much salt and fresh water is on Earth.
7. How do plants contribute to the water cycle?
8. How is water cleaned in nature?
9. Why is well water from deep underground sometimes safe to drink?
10. Which property of water makes it unusual?
11. What do we call the rock layer that stores water, but also allows water to flow?
12. What is the measure of the open spaces between rocks?
13. Why is water a “polar” molecule?
14. What is the main source of drinking water for St. George?

15. What is the boundary between the zone of saturation and the zone of aeration?
16. What is adhesion?
17. Which transfer of energy can create a surface wave?
18. How do deep ocean currents form?
19. How is water used in industry?
20. What is water rationing?
21. What are examples of biotic factors?
22. What are examples of abiotic factors?
23. What is the benthic zone?
24. How are the pelagic and benthic zones different?
25. What are the 3 main groups of marine life?

