**Unit 2 Test Review**

1. Spheres

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| **Earth’s Spheres** | **What is found in that sphere** |
| Cryosphere | Frozen water and are found in places like the tundra. |
| atmosphere | Gases surrounding the earth. |
| Geosphere | Layers of the earth like crust mantle and core. |
| Biosphere | Biosphere is all living things |
| Hydrosphere | All the water on Earth |

Why is the atmosphere especially important for humans?

1. Air we breathe
2. Contains energy from the sun.
3. Absorbs harmful UV rays
4. The Water Cycle

How are humans a part of the water cycle? Because their bodies are made up of mostly water.

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| **Part of the Water Cycle** | **Definition** |
| 1.Condensation | Vapor into a liquid forming clouds. |
| 2.Evaporation | Water to gas and happens mostly happens between oceans and atmosphere. . |
| 3.Transpiration | Evaporation from plants |
| 4.Precipitation | Snow, rain, sleet and hail |

1. Weathering and Erosion

* What is weathering? Breaking down of earth’s materials. \_\_
* What is erosion? The carrying away of the earth’s materials. \_\_
* What elements cause both weathering and erosion? Wind, water, glaciers and gravity.

1. Renewable and Nonrenewable Energy

*Fill in the Venn Diagram with three facts for each category*

Renewable

Nonrenewable

Both

Wind

Sunlight

Geothermal

Water

Quicker

Find it anyway

cleaner.

Oil

Gas

Coal

Fossil Fuels (take millions of years to produce and creates pollution.

To figure out if a resource is renewable or nonrenewable, you have to look at the ratio between which two numbers?

The ratio of the rate at which it is used : to the rate at which it is replenished.

1. Natural Disasters

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| **Types of Plate Boundaries** | **Describe the movement.** | **What landform is created?** |
| Transform | Slide against each other | Earthquake |
| Divergent | They move away from each other | Volcano |
| Convergent Subduction | One moves on top of the other. | Volcano |
| Convergent Collisional | Move into each other. | Mountains. |

What is another name for a plate boundary? Fault line.

Name all of the natural disasters that occur because of a buildup of pressure at a plate boundary:

1. Mountains
2. volcanoes
3. earthquakes

Which two natural disasters affect mostly coastal areas?

1. hurricane
2. Tsunami