**Geography Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Pages: 18-27**

**Mr. Blum**

**Directions:** Before you begin reading the information in the textbook answer the following questions filling the left column to test your prior knowledge. Place a “T” for True and a “F” for False. After reading the information in these sections answer the following questions in the right column.

\_\_\_\_ 1. Our galaxy is called the Universe because its stars look like a universe. \_\_\_\_ **(18)**

\_\_\_\_ 2. The tilt of the Earth on its axis is why we have different season during the year. \_\_\_\_ **(18)**

\_\_\_\_ 3. An equinox occurs on March 21, when the sun is directly overhead at noon on the

Equator. \_\_\_\_ **(18)**

\_\_\_\_ 4. During the September Equinox the area north of the Arctic Circle is in constant

darkness. \_\_\_\_ **(19)**

**\_\_\_\_** 5. It takes the Earth about 24 hours to make a complete rotation around it axis. \_\_\_\_ **(20)**

\_\_\_\_ 6. There is usually a two hour time difference between neighboring time zones. \_\_\_\_ **(20)**

\_\_\_\_ 7. When it is noon at the Prime Meridian it is around 6:00 AM in the Central Standard Time

Zone. \_\_\_\_ **(21)**

\_\_\_\_ 8. Most of the Earth’s core is made up of water. \_\_\_\_ **(22)**

\_\_\_\_ 9. The Earth’s mantle is a thin layer of rocks and minerals that surrounds the atmosphere. \_\_\_\_ **(22)**

\_\_\_\_ 10. The Earth’s crust is thinnest beneath the ocean floor. \_\_\_\_ **(22)**

\_\_\_\_ 11. Because the Earth’s atmosphere holds in heat from the sun, life on Earth is possible. \_\_\_\_ **(23)**

\_\_\_\_ 12. Only around 25% of the Earth’s surface is covered by land. \_\_\_\_ **(23).**

\_\_\_\_ 13. Most of the Earth’s fresh water is found in lakes and rivers. \_\_\_\_ **(23)**

\_\_\_\_ 14. Because weathering creates soil, it is very important to human settlement patterns. \_\_\_\_ **(24)**

\_\_\_\_ 15. Large mountain ranges are usually found on plains throughout the world. \_\_\_\_ **(25)**

\_\_\_\_ 16. Valleys are stretches of low land located between mountains or hills. \_\_\_\_ **(25)**

\_\_\_\_ 17. According to the theory of plate tectonics, plates usually do not move at all over the course of a year. \_\_\_\_ **(26)**

\_\_\_\_ 18. Earthquakes occur when two plates slide against each other. \_\_\_\_ **(26)**

\_\_\_\_ 19. Nobody really has any idea what causes volcanoes to erupt. \_\_\_\_ **(26)**

\_\_\_\_ 20. Floods are examples of natural hazards that sometimes impact Earth’s populations. \_\_\_\_ **(27)**