

Name: \_\_\_\_\_  
Period: \_\_\_\_\_

## Energy Through the Ages

*Directions:* Read pages 365-367. The timeline has events about energy that have happened in history that are important. Answer the questions below using the timeline.

- 1.) In 500,000 B.C., what energy source did early humans use?
- 2.) The sail is invented in Egypt in this year?
- 3.) In 8,000 B.C., oil lamps were used by cave dwellers in what part of the world?
- 4.) What group of people of North America learned to use passive solar heat by building homes that took advantage of the sun's energy?
- 5.) In 1800, who invented the first chemical cell to produce electricity, which was known as the voltaic pile?
- 6.) In what year did the first practical steam engine get invented and by whom?
- 7.) In 1831, the first electrical generator was invented. What did it consist of?
- 8.) Who drilled the first oil well in 1859, and what city in Pennsylvania was it near?
- 9.) In 1885, Gottfried Daimler and Karl Benz developed an internal combustion engine. What was used for its fuel?
- 10.) Who invented the light bulb and in what year was it invented?
- 11.) In 1942, the world's first \_\_\_\_\_ is activated at Stagg Field. What university campus is the location?

- 12.) How many electric utility companies are in operation across America at the beginning of the 20<sup>th</sup> century?
- 13.) In 1941, The first commercial wind-poered electric generator begins operating in what state?
- 14.) The automobile age first began with introduction of the new automobile by Henry Ford in 1908. What was the name of the automobile, and how many would be eventually manufactured?
- 15.) From 1950-1970, the population of the United States increased by about \_\_\_\_\_ percent, while during the same period, energy usage increased by \_\_\_\_\_percent.
- 16.) What lab developed the first solar cell in 1954, which converts sunlight directly into electricity?
- 17.) In 1979, the Trans-Alaska Pipeline is built. Why was it built, and how will this help America?
- 18.) In what year did the increase interest in energy conservation and the search for alternative sources of energy?
- 19.) In 1973, the American government was motivated to enact the first peacetime energy-conservation measures. What happened to cause this?
- 20.) In 2000 and Beyond, name some ways we can conserve energy?