

Chapter 4 – Section 1

A Technological Revolution

- 1. Describe 3 aspects of daily life in 1865.
- 2. What were 2 reasons why life had changed so dramatically for Americans by 1900?
- 3. What is a *patent* and what happened to the number of them after the Civil War?
- 4. Describe 3 characteristics of the nation's railroad tracks prior to the Civil War.

- 5. Why was the transcontinental railroad a big deal?
- 6. What role did the Union Pacific and Central Pacific railroads play and how were they funded?
- 7. Describe the process and the workers who built it.
- 8. Trains were often noisy, dirty and uncomfortable for travelers. However, what were 3 improvements to train travel.

- 9. Why were *time zones* created?
- 10. How did rail improvements help business?
- 11. What was the telegraph and why was *Morse Code* such a big deal?
- 12. What was the *Western Union Telegraph Company*?

- 13. When was the telephone invented and by whom?
- 14. In addition to creating fuels such as gasoline, how did scientists change peoples' lives through the use of electricity?
- 15. Who was the “Wizard of Menlo Park” and what were 3 of his inventions?
- 16. How did George *Westinghouse* improve on Edison's ideas and make the use of electricity available in all homes?

- 17. What were 2 other inventions and how did they change life in America?
- 18. Did everyone in America benefit from electricity? Explain.
- 19. What was the *Bessemer Process* and why was it so important?
- 20. Why was the building of the *Brooklyn Bridge* such a big deal?

Homework

- Imagine that you are a 55 year-old living in the year 1900. Describe the improvements you have witnessed in your life since you were a teenager in the 1850's. Be sure to include 5 *specific ideas/facts* from the section and number them. (200-250 words)