**Chapter 4 Section 1**

1. What was the Second Industrial Revolution?
2. What is the Bessemer process?
3. Why did steel production increase and steel prices drop?
4. What 5 changes were made by the railroad companies when steel prices dropped?
5. What was invented in 1850 that increased the demand for oil?
6. What did Edwin L. Drake prove was possible?
7. What is a patent?
8. What was the Menlo Park Research Center?
9. Why couldn’t most homes and businesses use the light bulbs Thomas Edison invented in 1879?
10. What did George Westinghouse build in the late 1880s that made using electricity practical?
11. How did the telegraph make communication possible all from coast to coast and continent to continent?
12. Who patented the telephone?
13. Compare and contrast the telegraph and telephone.
14. Who invented the first gasoline powered engine?
15. What 2 inventions is Henry Ford famous for?
16. Who invented the first gas powered airplane? When and where?