

More Technological Advances

Chapter 11, Section 4

As you read Pgs 364--367, answer the following questions. Use the back side if you need more space to write.

Page 364 - Skip if you were there and building background box

1. What is a telegraph?
2. Which two sciences did Samuel Morse study to make the telegraph?

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3. What is Morse code?
4. What is SOS in Morse code and what is it a signal for?
5. Why did the telegraph grow with the railroad?
6. What national event was a “break” that led to its widespread use?
7. When did Samuel Morris die?

Biography box

8. How did Samuel Morse start his career?
9. What was his motivation for inventing the telegraph?

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10. What was the major limitation of water powered factories?
11. What was beneficial about steam powered factories?
12. Having factories in the cities gave easier access to workers, what did that do to wages?
13. By the 1840s what could the new machinery produce?
14. What was John Deere’s first design success?
15. What did Cyrus McCormick develop and what did it do?
16. What were McCormick’s new methods to encourage sales?
17. How was the combination of Deere’s plow and McCormick’s reaper beneficial to mid western farmers?

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18. Who invented the sewing machine and who is famous for making improvements on it?
19. What to products became available in the 1830s?
20. Mass production is often cheaper, what was the difference in the cost of a clock made in 1800 versus the 1850s?
21. What was invented in 1849 that many of us still use today?