

The 1st Industrial Revolution- answer sheet

Reading guide

Directions: The following assignment should be completed on your own. Please use the following page #'s and sections of your textbook to complete the reading guide. **Pay special attention** to words that are underlined in this guide as those are key terms. Hold onto this when you are done. Please **use complete sentences in your responses!**

*** Read page 365- "The Industrial Revolution"**

1. In your own words, what were the changes that were happening which led to an Industrial Revolution in Britain? **Factory machines are taking the place of hand tools. Mass production is occurring as many thousands of goods are being pumped out of factories.**

*** Read page 366 "Factories Rise in New England"**

2. Look at how the textbook describes the factory system. What would be the pros and cons of this way of working?

Pros

Efficient way to run things

More jobs available for more workers

Higher wages

Cons

Families not having as much time together

Stress of the workplace

Danger of the workplace

***Read page 367 "The Lowell Mills Hire Women"**

3. What were three unique facts about the Lowell Mills? **Women worked in these factories, they earned high wages at one point, they lived in boardinghouses owned by company.**

(turn over)

***Read page 367 “New Manufacturing methods spread”**

4. What were interchangeable parts? Why were they so valuable?

Parts that are alike which can be swapped out of similar products. They were valuable because they saved time and effort. A new part for a rifle would not have to be uniquely made just because it broke.

***Read page 368 “Transportation and communication”**

5. Why were the changes in transportation (with the steam boat and the railroad) so important? Why were the changes in communication (with the telegraph) so important? **Transportation- Allowed faster, more efficient travel to occur. Large quantities of goods could be shipped.**

Communication- Much faster communication; news is received more rapidly. The nation was better connected.

***Read page 369 “Technology improves farming”**

6. The text states the following: New technologies linked regions and contributed to a feeling of national unity.” What does this mean? **One area of the country was able to help out the other because of the technology they had (such as textile mills). They grew interdependent on one another.**

Application to life now

7. Your textbook mentions that Eli Whitney demonstrated the use of interchangeable parts with muskets. What are two examples of products today which use interchangeable parts? **Auto parts, bike parts, computer parts, etc.**

8. In what ways has transportation changed in the U.S over the last 20 years or so? **We now have electric cars, light rail in Phoenix, a proposed bullet train between Los Angeles and San Francisco. More talk about alternative transportation to help the environment.**

(turn over)

9. In what ways have methods of communication changed in the U.S. over the last 20 years or so? **New types of cell phones, social media with Facebook, Twitter, Instagram, etc. Faster way of communication with texting. People can communicate halfway across the world without ever leaving their home.**

10. What would be the three most positive parts about having an Industrial Revolution? What would be the three most negative parts about having an Industrial Revolution?

Positive: New products developed to help America, new job opportunities open up, much time being saved.

Negative: Effect on the environment with pollution, overcrowded cities, stress on families, etc.