

# READING COMPREHENSION

GRADE  
**5**

**READ AND  
DISCOVER**

Directions: Read "The Pony Express" and answer the questions.

1. What was the primary purpose of the Pony Express?

- (A) delivering gold to California
- (B) providing horses for cowboys
- (C) cutting travel time for mail delivery
- (D) building stagecoaches

2. In which year did the Pony Express start its mail service?

- (A) 1845
- (B) 1850
- (C) 1859
- (D) 1870

3. How long did the Pony Express operate?

4. What was the purpose of the mochila carried by riders?

- (A) holding mail
- (B) carrying food
- (C) providing protection
- (D) carrying a gun

5. Why did the Pony Express riders have to change horses every 10-12 miles?

- (A) the horses were tired
- (B) the horses were old
- (C) the horses were slow
- (D) the horses were sick

6. How long did it take to send a letter from St. Joseph, Missouri, to Sacramento, California, by the Pony Express?

## THE PONY EXPRESS

Today, there are many ways to quickly send messages halfway across the world, whether it's e-mail, texts, or even video chats. It is very easy for us to talk to people far away. That was not always the case. Long ago, people relied on the postal service to communicate with others.

In 1850, it took about 25 days to send a letter from one side of the United States to California. In those days, California was quickly growing. Thousands of people moved to California in hopes of finding gold. The problem was that because they moved so far away, it was hard to communicate with family and friends they had left behind on the other side of the country. It took a very long time to deliver messages, newspapers, and mail.

In 1860, three businessmen, William H. Russell, Alexander Majors, and William B. Waddell, made a solution. Together, they started the Pony Express. The Pony Express was a mail service that started in St. Joseph, Missouri. It stretched for 1,900 miles to Sacramento, California. They wanted to cut the travel time in half, so they wanted to be able to get a letter from St. Joseph to California in only 10 days. People thought this was impossible.

The three men knew that having riders instead of stagecoaches would be much faster and easier. They hired 120 riders and bought 400 horses. They also built 184 stations. Riders had to be under 125 pounds so that the horses didn't have to carry a heavy load. The riders were only allowed to take a gun for protection, some food, and their mochila.

The mochila (Spanish for backpack) was a pouch that carried the letters. Each pouch could hold up to 20 pounds of mail. There was a station every ten miles along the 1,900-mile route. The riders would ride a horse at full speed from one station to the next. They would then switch to a fresh horse and ride the next leg. They would ride both day and night.

Even though it worked well, the Pony Express only lasted for 18 months. Part of the reason was that it was very expensive to send a letter through the Pony Express. At first, the price was \$5 per 15 ounces. That would be about \$130 in today's money. The price was lowered, but a lot of people still couldn't afford it. The invention of the telegraph also caused the Pony Express to end. The telegraph allowed instant communication across the country. The Pony Express couldn't compete with that. On October 26, 1861, the Pony Express closed. This was just two days after the announcement of the transcontinental telegraph.

The Pony Express was an amazing service, if you seem very old-fashioned to us. When you think about it, though, it should make us much more thankful for the quick ways that we can communicate with people all over the world today.



Shelly Rees

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## **Table of Contents Reading Comprehension Workbook Step By Step**

1. Understanding the eBook Reading Comprehension Workbook Step By Step
  - The Rise of Digital Reading Reading Comprehension Workbook Step By Step
  - Advantages of eBooks Over Traditional Books
2. Identifying Reading Comprehension Workbook Step By Step
  - Exploring Different Genres
  - Considering Fiction vs. Non-Fiction
  - Determining Your Reading Goals
3. Choosing the Right eBook Platform
  - Popular eBook Platforms
  - Features to Look for in an Reading Comprehension Workbook Step By Step
  - User-Friendly Interface
4. Exploring eBook Recommendations from Reading Comprehension Workbook Step By Step
  - Personalized Recommendations
  - Reading Comprehension Workbook Step By Step User Reviews and Ratings
  - Reading Comprehension Workbook Step By Step and Bestseller Lists
5. Accessing Reading Comprehension Workbook Step By Step Free and Paid eBooks
  - Reading Comprehension Workbook Step By Step Public Domain eBooks
  - Reading Comprehension Workbook Step By Step eBook Subscription Services
  - Reading Comprehension Workbook Step By Step Budget-Friendly Options

6. Navigating Reading Comprehension Workbook Step By Step eBook Formats
  - ePub, PDF, MOBI, and More
  - Reading Comprehension Workbook Step By Step Compatibility with Devices
  - Reading Comprehension Workbook Step By Step Enhanced eBook Features
7. Enhancing Your Reading Experience
  - Adjustable Fonts and Text Sizes of Reading Comprehension Workbook Step By Step
  - Highlighting and Note-Taking Reading Comprehension Workbook Step By Step
  - Interactive Elements Reading Comprehension Workbook Step By Step
8. Staying Engaged with Reading Comprehension Workbook Step By Step
  - Joining Online Reading Communities
  - Participating in Virtual Book Clubs
  - Following Authors and Publishers Reading Comprehension Workbook Step By Step
9. Balancing eBooks and Physical Books Reading Comprehension Workbook Step By Step
  - Benefits of a Digital Library
  - Creating a Diverse Reading Collection Reading Comprehension Workbook Step By Step
10. Overcoming Reading Challenges
  - Dealing with Digital Eye Strain
  - Minimizing Distractions
  - Managing Screen Time
11. Cultivating a Reading Routine Reading Comprehension Workbook Step By Step
  - Setting Reading Goals Reading Comprehension Workbook Step By Step
  - Carving Out Dedicated Reading Time
12. Sourcing Reliable Information of Reading Comprehension Workbook Step By Step
  - Fact-Checking eBook Content of Reading Comprehension Workbook Step By Step
  - Distinguishing Credible Sources
13. Promoting Lifelong Learning
  - Utilizing eBooks for Skill Development
  - Exploring Educational eBooks
14. Embracing eBook Trends
  - Integration of Multimedia Elements

- Interactive and Gamified eBooks

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web fig 4 block diagram of solar charge contoller a micro controller is used for presages voltage maintaining for battery to solar cutout and battery to load circuit a pic16f72 programmable interface controller is used for small size and inbuilt analog inputs to determine voltage level of battery and solar cell only two of that in circuit relay

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web dec 16 2019 the scc is designed based on the arduino microcontroller which has the role of controlling the circuit and producing pwm signals to regulate the dc dc converter several tests were conducted to validate the efficiency of the mppt algorithm the scc device succeeded in increasing efficiency up to 52 on the low irradiance level