

Name \_\_\_\_\_ Date \_\_\_\_\_

**Instructions:** Read each question carefully and choose the best answer.

1. Why did the author choose the title "Three Brains in One" for the second section?
  - Ⓐ The brain has three different functions.
  - Ⓑ The author compares three different brains.
  - Ⓒ There are three main parts of the brain.
  - Ⓓ There are three brain hemispheres.
2. How are EEGs and fMRIs similar?
  - Ⓐ They both measure the size of the brain.
  - Ⓑ They both measure brain activity.
  - Ⓒ They both locate a brain injury.
  - Ⓓ They both stimulate the brain to function.
3. Read this sentence from the text: *If a computer could **decipher** a brain's electrical signals, people might learn to control an artificial limb.* What does the word **decipher** mean?
  - Ⓐ to fix or repair
  - Ⓑ to control
  - Ⓒ to decide
  - Ⓓ to make out the meaning of something
4. Readers can use the diagram on page 9 to \_\_\_\_\_.
  - Ⓐ see the two hemispheres of the brain
  - Ⓑ understand the function of the brain stem
  - Ⓒ understand how an fMRI works
  - Ⓓ infer why Phineas Gage's personality changed

*Quick Check continued on following page*

Name \_\_\_\_\_ Date \_\_\_\_\_

5. What happened after Phineas Gage's accident in 1848?
  - Ⓐ He died from the injury.
  - Ⓑ He continued living just as he had before his injury.
  - Ⓒ His eyesight became stronger.
  - Ⓓ Scientists started to understand brain region functions.
6. The author includes the information on page 15 to persuade you to \_\_\_\_\_.
  - Ⓐ keep your brain active
  - Ⓑ wear a helmet
  - Ⓒ try skateboarding
  - Ⓓ get more exercise
7. Which of the following is not a way to keep your brain in top condition?
  - Ⓐ get mental exercise
  - Ⓑ get physical exercise
  - Ⓒ get plenty of sleep
  - Ⓓ eat plenty of sugar
8. Why does the author call the brain stem the *lizard brain*?
  - Ⓐ The brain stem does all the same things a lizard's brain stem does.
  - Ⓑ It is shaped like a lizard.
  - Ⓒ It is named after a scientist named Lizard.
  - Ⓓ It sometimes makes a person move like a lizard.
9. Read this sentence: *An EEG measures signals in the brain through **electrodes**.* What are **electrodes**?
  - Ⓐ the largest part of the brain
  - Ⓑ points through which electricity flows
  - Ⓒ pictures taken of the brain
  - Ⓓ nerve cells

Quick Check continued on following page

Name \_\_\_\_\_ Date \_\_\_\_\_

10. Which of the following would be considered an opinion?

- Ⓐ Everything your body does starts with tiny electrical signals in your brain.
- Ⓑ The right side of your brain controls the left side of your body.
- Ⓒ In the future, it would be great if people would be able to control other people's brains.
- Ⓓ Wearing a helmet during sports helps protect your brain from injury.

11. **Extended Response:** Explain in your own words why protecting your brain is so important.

12. **Extended Response:** What do you think brain research will lead to for people with disabilities in the future? Explain.

## Quick Check Answer Sheet

## The Amazing Brain

*Main Comprehension Skill: Main Idea and Details*

1. Ⓒ *Main Idea and Details*
2. Ⓑ *Compare and Contrast*
3. Ⓓ *Vocabulary*
4. Ⓓ *Make Inferences / Draw Conclusions*
5. Ⓓ *Sequence Events*
6. Ⓑ *Author's Purpose*
7. Ⓓ *Main Idea and Details*
8. Ⓐ *Main Idea and Details*
9. Ⓑ *Vocabulary*
10. Ⓒ *Fact or Opinion*
11. Answers will vary but should include information from page 15 of the text.
12. Answers will vary but should include information from the book to draw conclusions or make predictions.