Name: Date: Score: / 8

Brain and Nerves: Learn and Practice

How messages race through your body

Read each question. Circle the best answer.

💡 The Nervous System

- Your senses collect information from the world.
- Nerves carry messages to your brain and back.
- Your brain decides what to do and tells your muscles.
- touch a hot pan: nerves: pull your hand away fast

1 🧠 Which organ is the control center of your body?

A. The stomach B. The liver C. The lungs D. The brain

2 What carries messages between your body and your brain?

A. Teeth B. Nerves C. Hair D. Bones

3 The spinal cord in your back connects to what?

A. The teeth B. The hair C. The brain D. The nails

4 🔥 You touch a hot pan and pull away before you even think. What is this called?

A. A memory B. A reflex C. A habit D. A dream

5 A ball flies at you and you duck. What is the order of events?

A. Nerves, muscles, eyes, brain

B. Muscles, brain, eyes, nerves

C. Brain, eyes, muscles, nerves

D. Eyes, nerves, brain, muscles

6 🚴 Why should you wear a helmet when cycling?

A. To see better B. To ride faster C. To protect your brain D. To breathe better

7 What protects your brain?

A. Your ribs B. Your skull C. Your muscles D. Your kneecap

8 👂 Which sense organ detects sound?

A. Ears B. Eyes C. Tongue D. Nose

✏️ Explain it! Write two facts you learned about brain and nerves.

ANSWER KEY

Brain and Nerves: Learn and Practice (answers)

How messages race through your body

Read each question. Circle the best answer.

1 🧠 Which organ is the control center of your body?

A. The stomach B. The liver C. The lungs **D. The brain**

Your brain takes in information and sends out instructions. It is the boss!

2 What carries messages between your body and your brain?

A. Teeth **B. Nerves** C. Hair D. Bones

Nerves are like wires that carry tiny signals all around your body.

3 The spinal cord in your back connects to what?

A. The teeth B. The hair **C. The brain**

D. The nails

The spinal cord is a thick bundle of nerves that runs from your brain down your back.

4 🔥 You touch a hot pan and pull away before you even think. What is this called?

A. A memory **B. A reflex** C. A habit

D. A dream

A reflex is a super fast, automatic reaction that helps protect you from harm.

5 A ball flies at you and you duck. What is the order of events?

A. Nerves, muscles, eyes, brain

B. Muscles, brain, eyes, nerves

C. Brain, eyes, muscles, nerves

D. Eyes, nerves, brain, muscles

Your eyes see it, nerves carry the message, your brain decides, and your muscles move you. Quick work!

6 🚴 Why should you wear a helmet when cycling?

A. To see better B. To ride faster

C. To protect your brain D. To breathe better

A helmet adds extra protection for your brain if you fall.

7 What protects your brain?

A. Your ribs **B. Your skull** C. Your muscles

D. Your kneecap

The skull is a hard case of bone that surrounds and protects the brain.

8 👂 Which sense organ detects sound?

A. Ears B. Eyes C. Tongue D. Nose

Your ears collect sound and send signals along nerves to your brain.