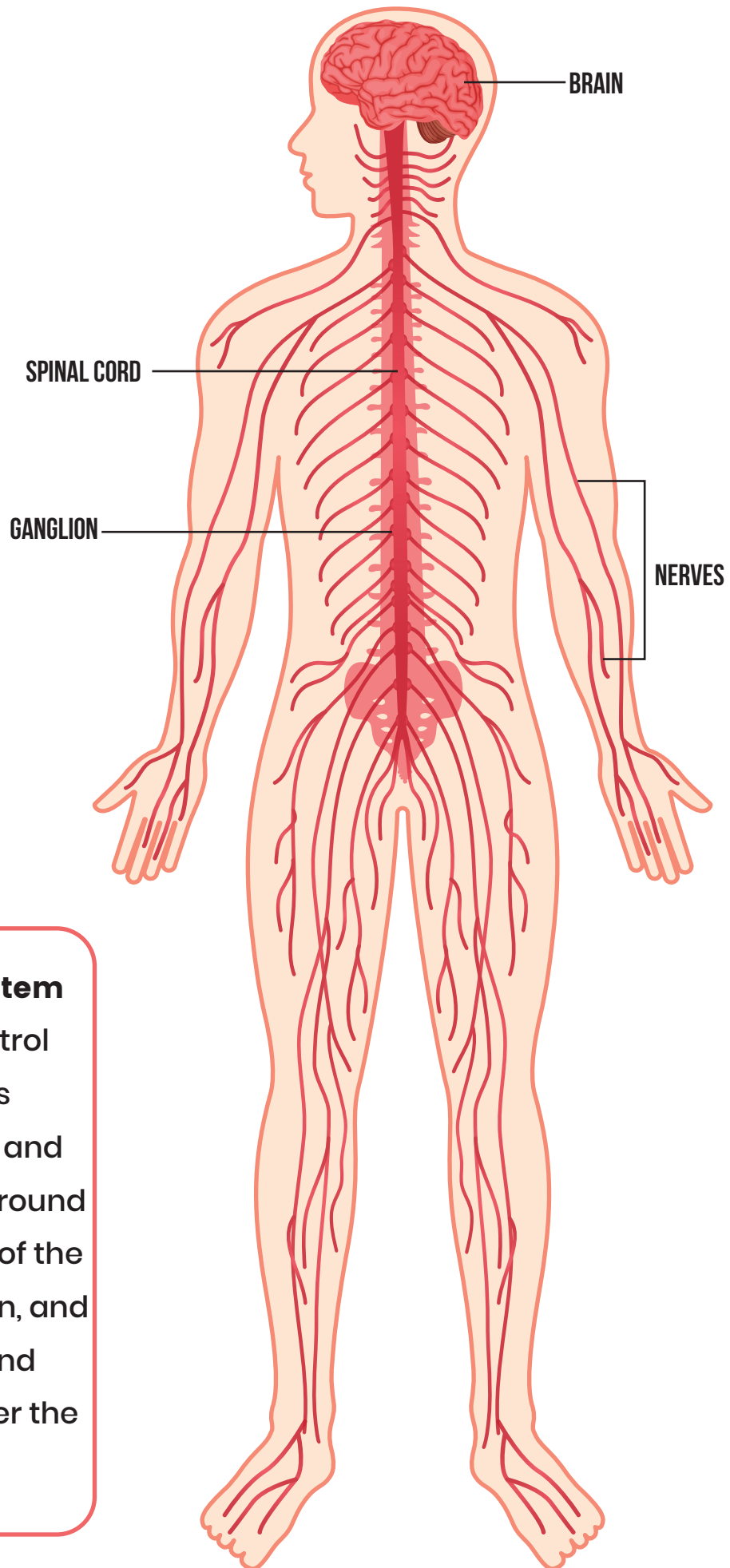
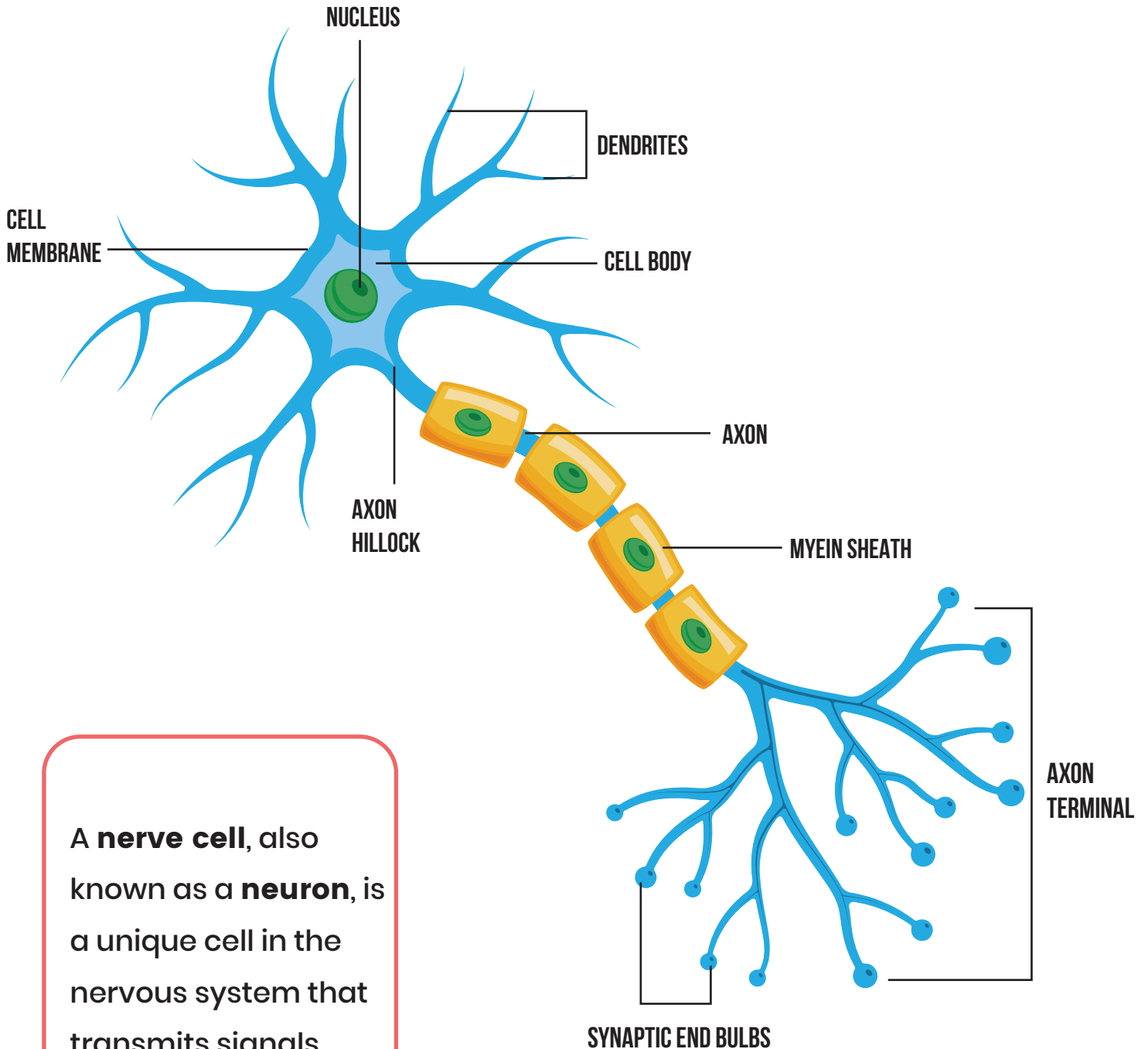


HUMAN NERVOUS SYSTEM DIAGRAM



The **nervous system** is the body's control center. It helps us think, feel, move, and react to things around us. It is made up of the spinal cord, brain, and nerves, which send messages all over the body.

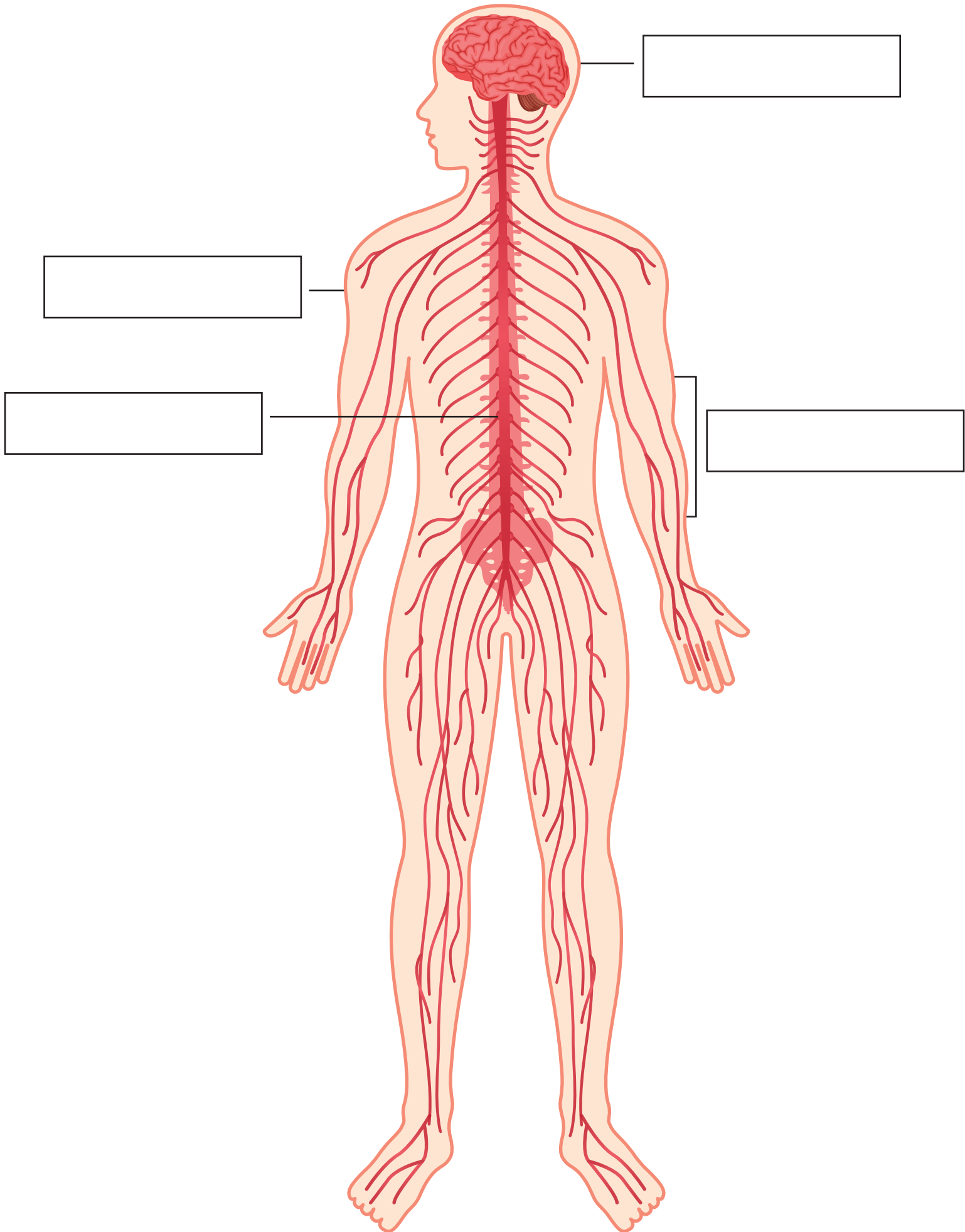
NERVE CELL STRUCTURE



A **nerve cell**, also known as a **neuron**, is a unique cell in the nervous system that transmits signals between the brain, spinal cord, and other parts of the body.

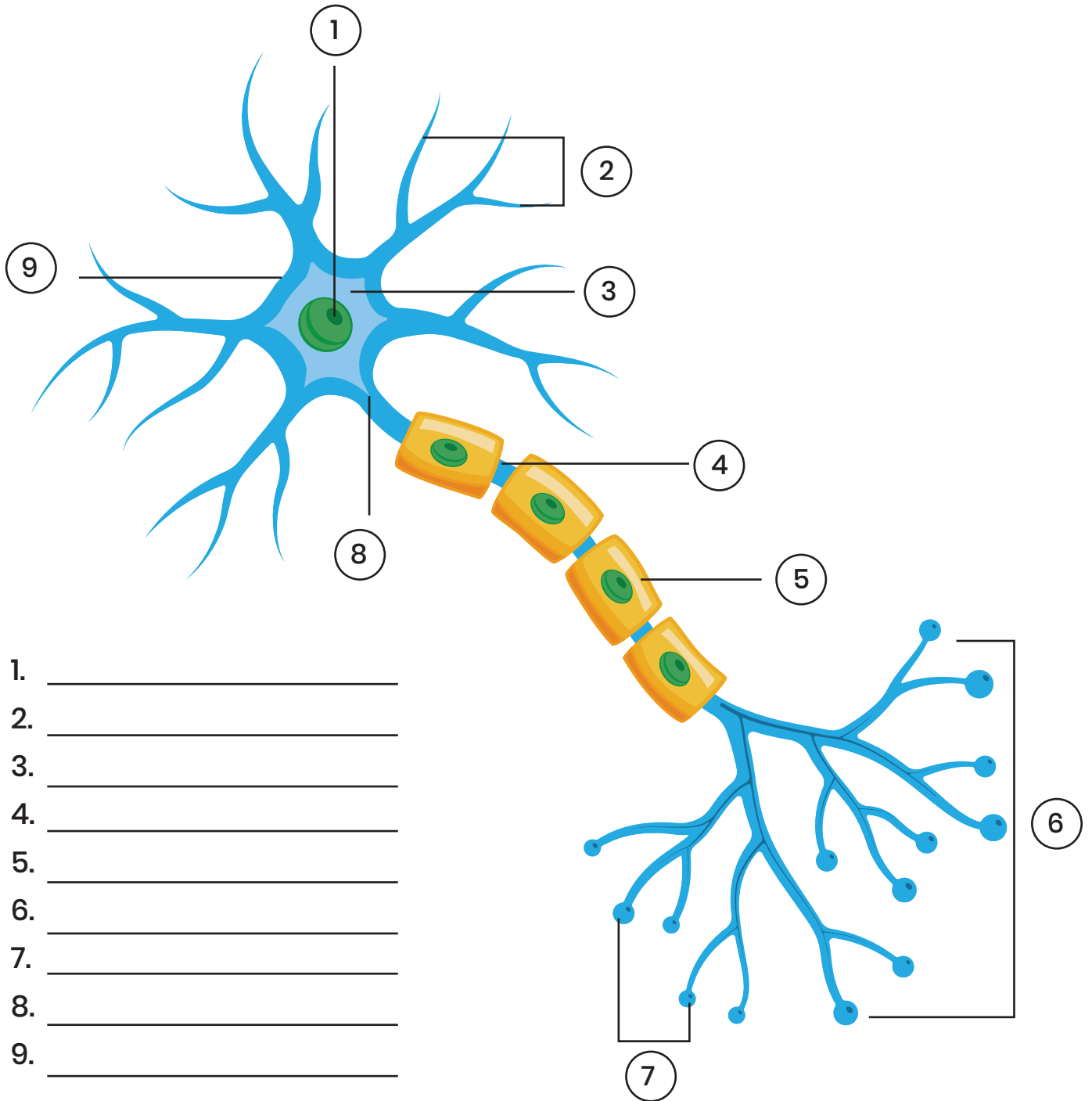
HUMAN NERVOUS SYSTEM

Labeling Activity



NERVE CELL

Structure Labeling Activity

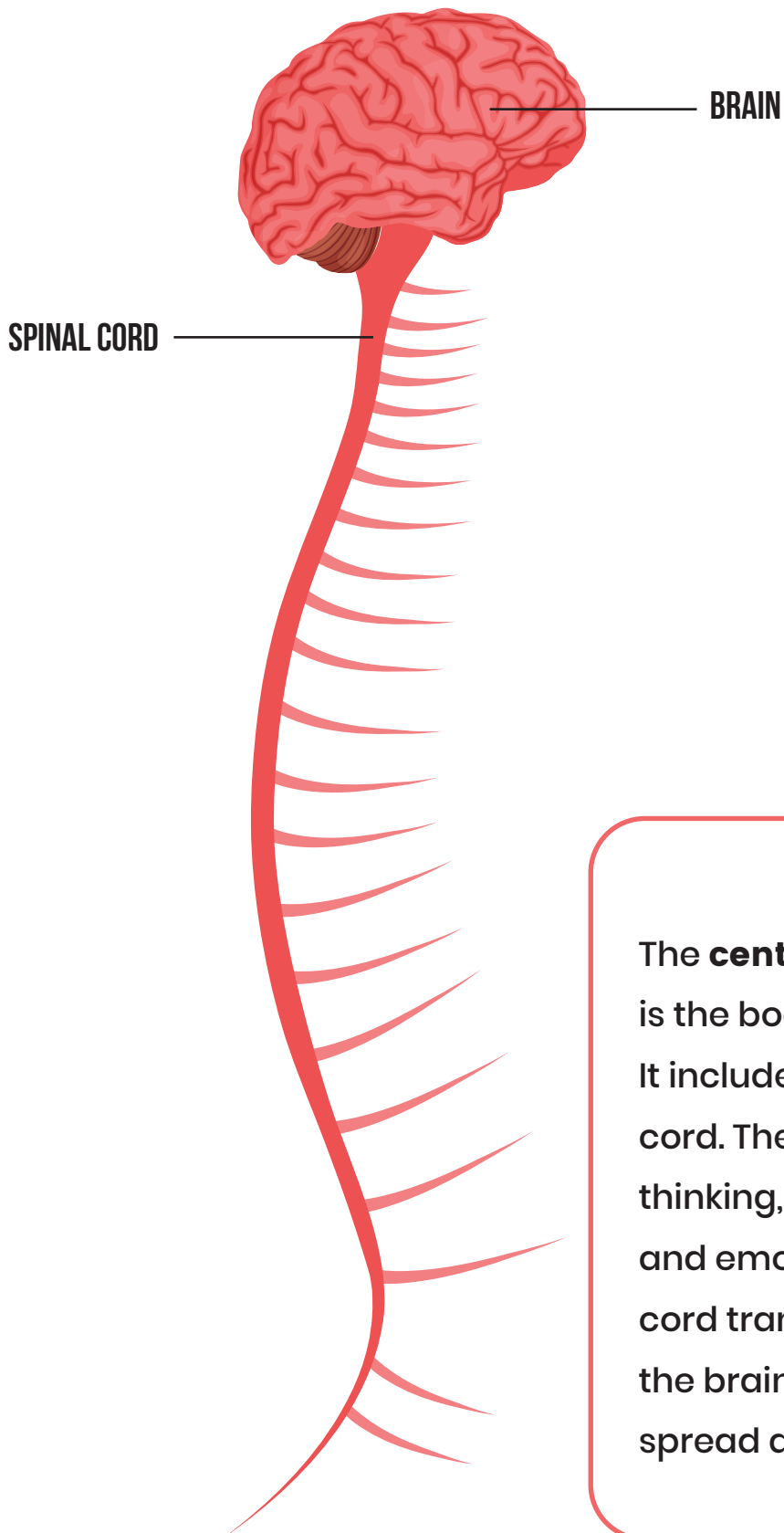


Word Bank

NUCLEUS	DENDRITES	CELL BODY	AXON HILLOCK	AXON
CELL MEMBRANE	SYNAPTIC END BULBS	AXON TERMINAL	MYEIN SHEATH	

CENTAL NERVOUS SYSTEM

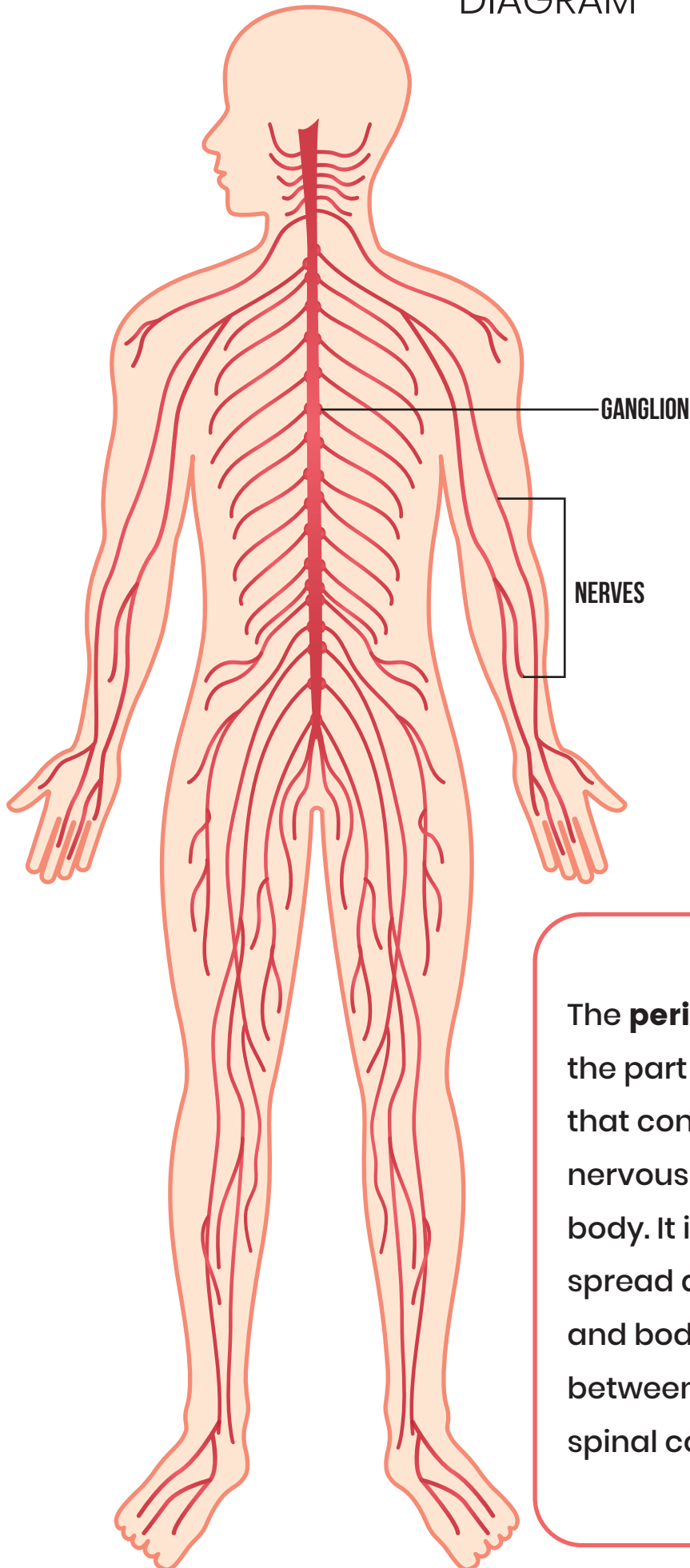
DIAGRAM



The **central nervous system** is the body's main control center. It includes the brain and spinal cord. The brain regulates thinking, learning, movement, and emotions, while the spinal cord transmits signals between the brain and the nerves spread across the body.

PERIPHERAL NERVOUS SYSTEM

DIAGRAM

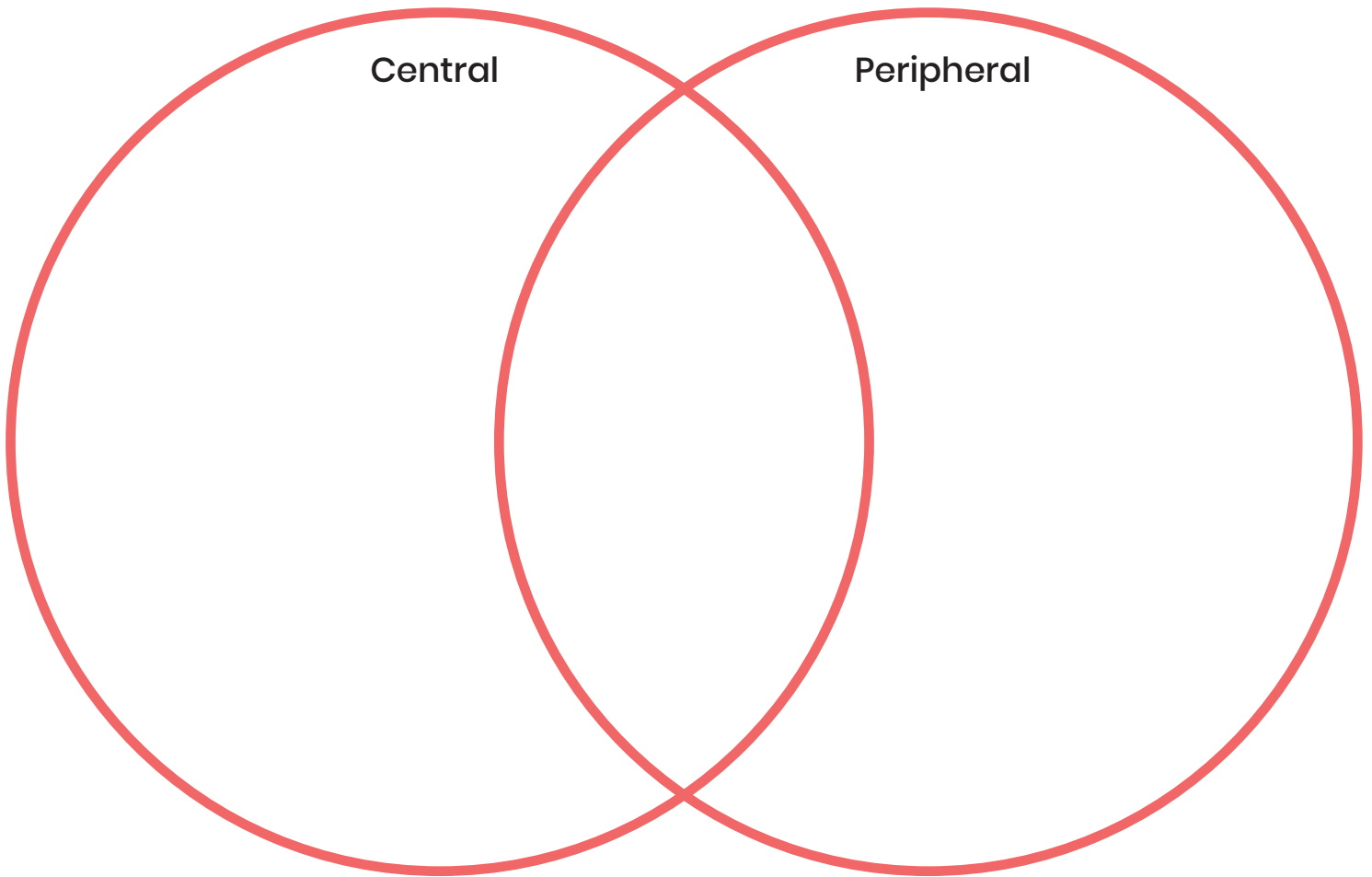


The **peripheral nervous** system is the part of the nervous system that connects the central nervous system to the rest of the body. It is a network of nerves spread across the head, neck, and body, transmitting messages between the brain and the spinal cord.

HUMAN NERVOUS SYSTEM

Venn Diagram

Directions: Using the sentences below, organize the differences and similarities of the Central Nervous System and Peripheral Nervous System in a Venn Diagram.



- Made up of the brain and spinal cord
- Made up of nerves outside the central nervous system
- Links the central nervous system with the entire body.
- Controls thinking, emotions, and decision-making
- Sends signals between the central nervous system and muscles, organs, and senses
- Processes and interprets information
- Not protected by bones
- Protected by the skull and spine
- Send and receive messages to control body functions.
- Work together to help us move, feel, and respond to the environment.
- Use nerve cells or neurons to transmit signals.
- Essential for body coordination and communication.

HUMAN NERVOUS SYSTEM

Word Search

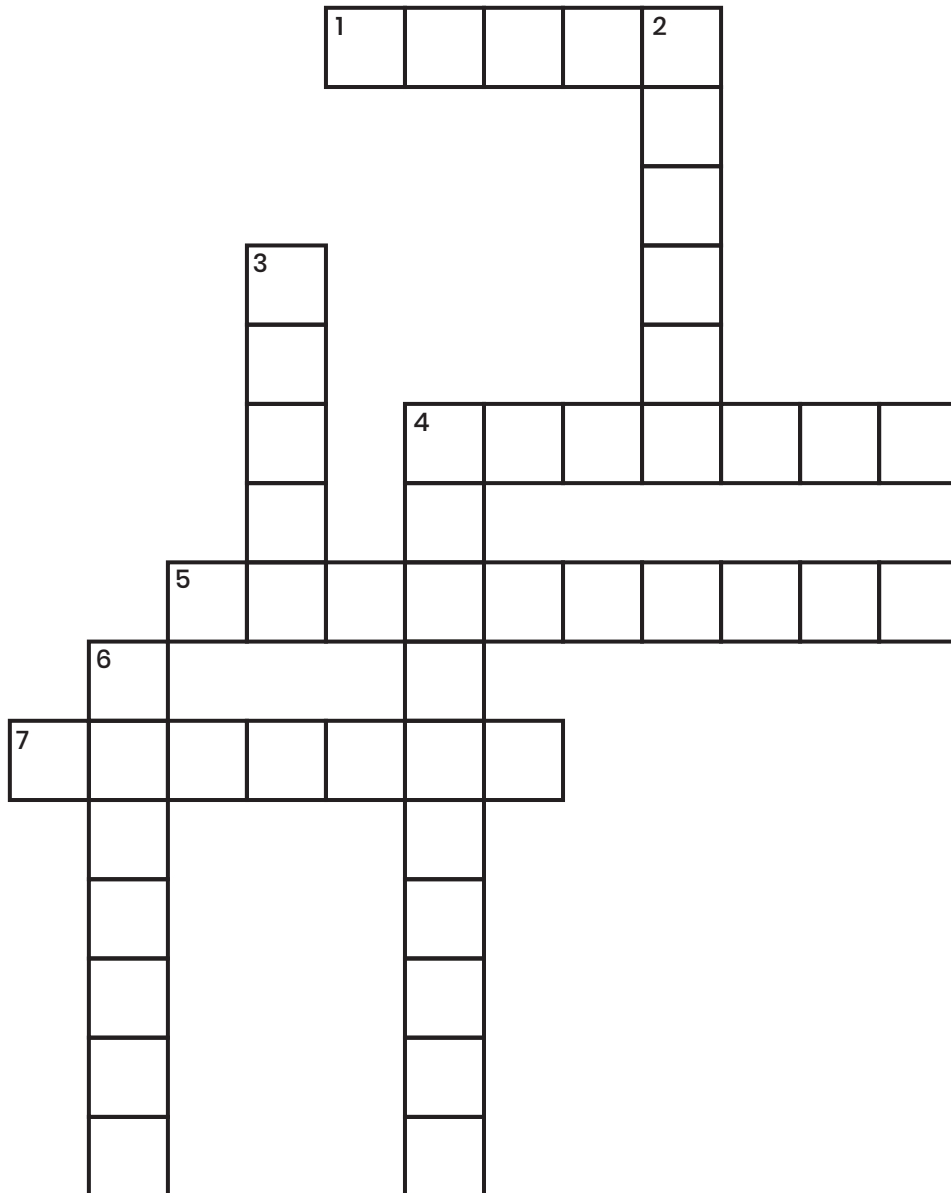
Directions: Find and circle the hidden words related to the nervous system in the word search puzzle. Words can be placed horizontally, vertically, or diagonally.

- Neuron
- Brain
- Spinal
- Cord
- Nerve
- Synapses
- Axon
- Dendrite
- Sensory
- Central
- Peripheral
- Stimulus
- Response
- Nucleus
- Myelin sheath
- Signal
- Coordination
- Ganglion



HUMAN NERVOUS SYSTEM

Crossword Puzzle



ACROSS

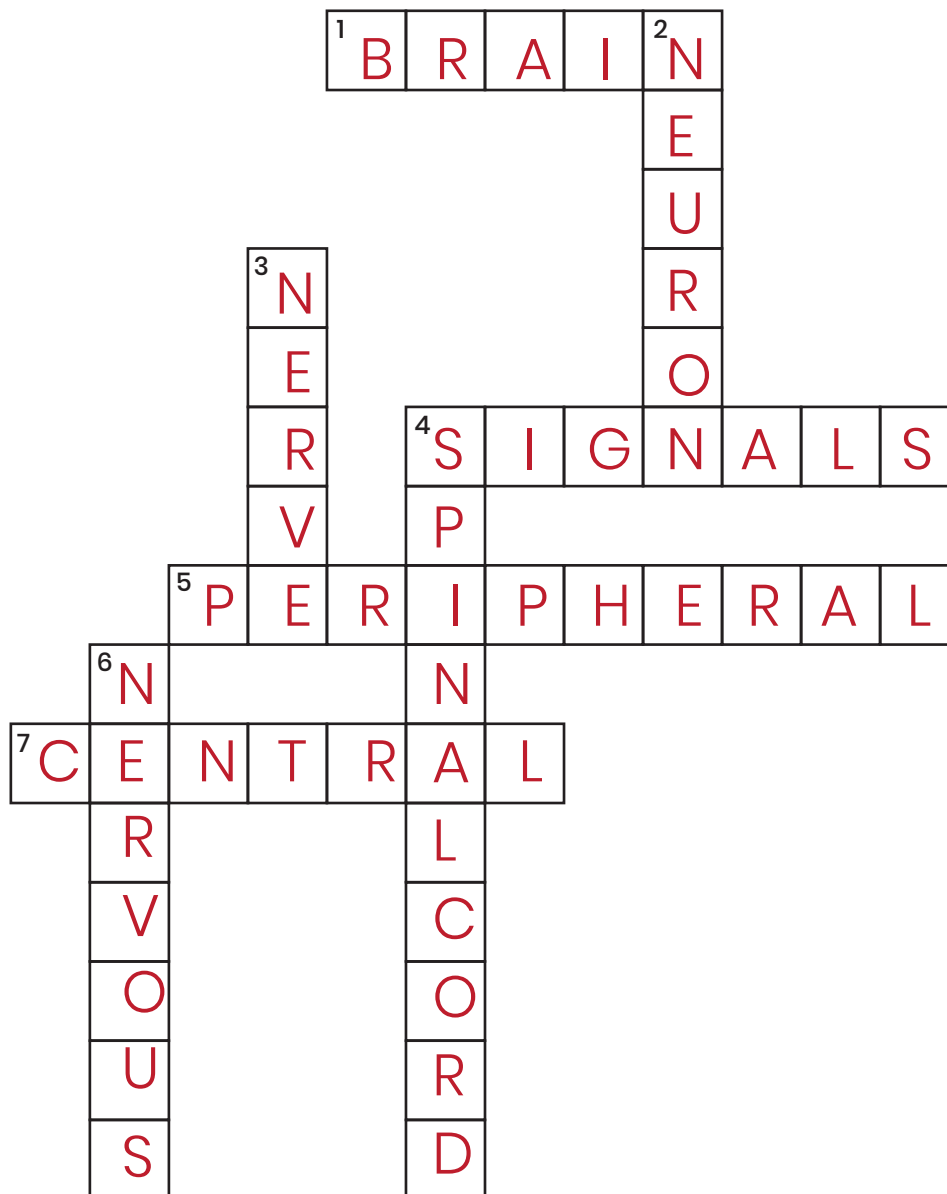
1. The _____ regulates thinking, learning, movement, and emotions
4. The _____ cord transmits signals between the brain and the nerves spread across the body.
5. The _____ nervous system is a network of nerves spread across the head, neck, and body, transmitting messages between the brain and the spinal cord.
7. The _____ nervous system is the body's main control center. It includes the brain and spinal cord.

DOWN

2. _____ is a unique cell in the nervous system that transmits signals between the brain, spinal cord, and other parts of the body.
3. A neuron is also as a _____ cell.
4. The spinal cord transmits _____ between the brain and the nerves spread across the body.
6. The _____ system is the body's control center. It helps us think, feel, move, and react to things around us. It is made up of the spinal cord, brain, and nerves, which send messages all over the body.

HUMAN NERVOUS SYSTEM

Crossword Puzzle



ACROSS

- The _____ regulates thinking, learning, movement, and emotions
- The _____ cord transmits signals between the brain and the nerves spread across the body.
- The _____ nervous system is a network of nerves spread across the head, neck, and body, transmitting messages between the brain and the spinal cord.
- The _____ nervous system is the body's main control center. It includes the brain and spinal cord.

DOWN

- _____ is a unique cell in the nervous system that transmits signals between the brain, spinal cord, and other parts of the body.
- A neuron is also as a _____ cell.
- The spinal cord transmits _____ between the brain and the nerves spread across the body.
- The _____ system is the body's control center. It helps us think, feel, move, and react to things around us. It is made up of the spinal cord, brain, and nerves, which send messages all over the body.

HUMAN NERVOUS SYSTEM

Word Scramble

YSNPASSE

--	--	--	--	--	--	--	--

XAON

--	--	--	--

NEDDRIET

--	--	--	--	--	--	--	--

EUNRNO

--	--	--	--	--	--

RBANI

--	--	--	--	--

PSIANL

--	--	--	--	--	--

ORCD

--	--	--	--

ERVNE

--	--	--	--	--

NCETRLA

--	--	--	--	--	--	--

EPIRPHEALR

--	--	--	--	--	--	--	--	--	--

UNCLUES

--	--	--	--	--	--	--

NAGGLOIN

--	--	--	--	--	--	--	--

HUMAN NERVOUS SYSTEM

Word Scramble

YSNPASSE

S Y N A P S E S

XAON

A X O N

NEDDRIET

D E N D R I T E

EUNRNO

N E U R O N

RBANI

B R A I N

PSIANL

S P I N A L

ORCD

C O R D

ERVNE

N E R V E

NCETRLA

C E N T R A L

EPIRPHEALR

P E R I P H E R A L

UNCLUES

N U C L E U S

NAGGLOIN

G A N G L I O N