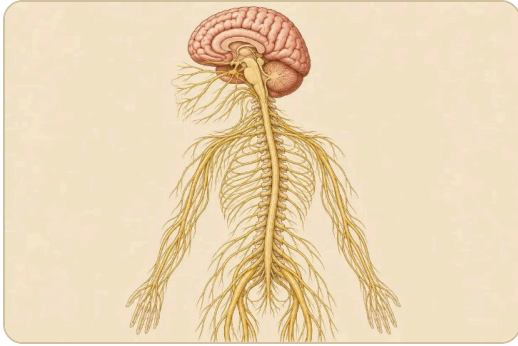


Name: _____

Date: _____

How does the nervous system work?



READ

The nervous system is how the body sends and receives messages. The brain is the boss, the spinal cord is the main road running down the spine, and nerves carry messages to every bit of the body. It all happens very fast.

1 Which part is it? Use the words in the box.

Cerebellum

Cerebrum

Inner brain parts

1. The biggest, most wrinkled part. It is where you think, remember, learn and decide what to do. _____
2. Deep in the middle of the brain are parts that connect both sides and look after things like hunger, thirst and sleep. _____
3. It sits behind and below the brain. It helps you keep your balance, ride a bike and not fall over. _____

2 Match each part to what it does. Write the letter.

- | | |
|--|---|
| ☐ 1. Brainstem | A. Carrying messages to the legs |
| ☐ 2. Neck spinal cord | B. Carrying messages to the trunk |
| ☐ 3. Upper-back spinal cord | C. Keeping breathing and heartbeat going |
| ☐ 4. Lumbar spinal cord | D. Carrying messages to the arms and hands |

3 True or false? Write T or F.

- ☐ 1. **Cerebrum:** thinking, feeling and giving orders
- ☐ 2. **Inner brain parts:** linking regions and running automatic jobs
- ☐ 3. **Cerebellum:** controlling the bladder and bowel
- ☐ 4. **Sacral spinal cord:** balance and coordination

4 Think and answer

What is the spinal cord?



Spin it in 3D and read more
anatomytour.com/en/nervous-system

Free for classroom and home use
 © Anatomy Tour

Answer key: How does the nervous system work?

1 Which part is it?

1. Cerebrum
2. Inner brain parts
3. Cerebellum

2 Match each part to what it does.

1. C
2. D
3. B
4. A

3 True or false?

1. T
2. T
3. F (Cerebellum: balance and coordination)
4. F (Sacral spinal cord: controlling the bladder and bowel)

4 Think and answer

A cord of nerves that leaves the base of the brain and runs down inside the spine.

