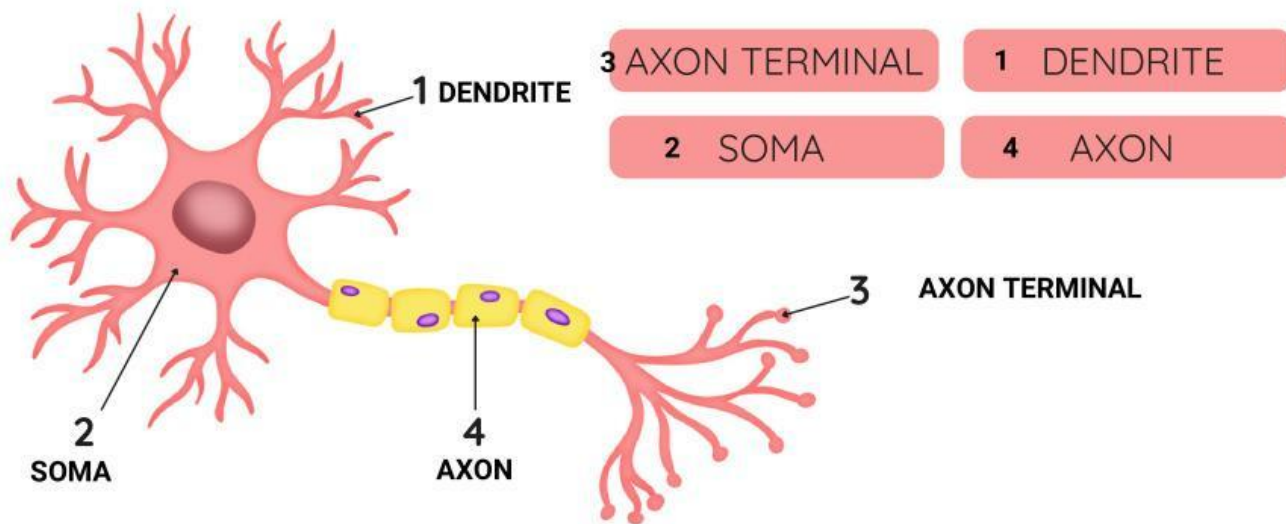


THE NERVOUS SYSTEM

NEURONS

The nervous system is made up of special cells called NEURONS. They are connected to each other with nerve impulses.

1 Connect the parts of this neuron with the correct names.



2 Does the shape of the neuron help its function? Investigate the function of the parts of the neuron from exercise 1:

Yes, because the neurons transmit messages at high speed more effectively.

DENDRITE: Receive the electric signals.

SOMA: It contains the nucleus. The signals are processed and produce an electric response.

AXON: It transports the electric impulses.

AXON TERMINAL: It connects / communicates with other cells.

3 Complete the following text describing the journey of information through our body. Use these terms.

impulsos nerviosos

nervis sensorials

estímul

nervis motors

resposta

òrgans dels sentits

nerve impulses - sensory nerves - stimuli - motor nerves - response - sense organs

STIMULI are perceived by SENSE ORGANS and transformed into NERVE IMPULSES, which travel through the SENSORY NERVES to the central nervous system. There they are processed and a RESPONSE is produced, which travels to through the MOTOR NERVES to the part of the body that must carry it out.