

# interaction

Complete the diagram about the function of interaction.

the locomotor system \* the nervous system \* stimuli  
\* the brain \* sense organs \* the nerves

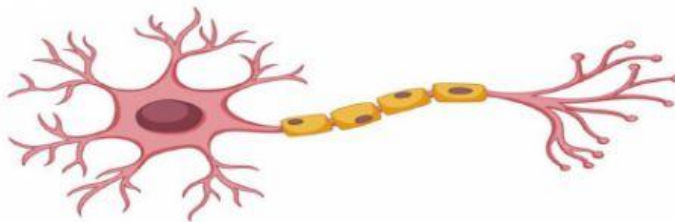
|                                                      |                               |                                                |
|------------------------------------------------------|-------------------------------|------------------------------------------------|
| _____ are<br>changes in the external<br>environment. | _____<br>capture information. | _____ controls<br>the function of interaction. |
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|                                                                   |                                                                     |                                                  |
|-------------------------------------------------------------------|---------------------------------------------------------------------|--------------------------------------------------|
| _____ carry<br>information from the sense<br>organs to the brain. | _____ interprets<br>information and responds<br>through the nerves. | _____ responds to information from<br>the brain. |
|-------------------------------------------------------------------|---------------------------------------------------------------------|--------------------------------------------------|

Read the sentences and select the correct words. Then, write the corresponding sense organ.

- a. Receptors in the taste buds detect ☐ temperature ☐ flavours. \_\_\_\_\_
- b. Receptors in the ☐ eardrum ☐ cochlea detect sounds. \_\_\_\_\_
- c. Touch receptors detect ☐ pain ☐ light. \_\_\_\_\_
- d. Receptors in the ☐ retina ☐ cornea detect light. \_\_\_\_\_

Label the parts of a neuron. Then, use the words to complete the text.



Neurons are nerve cells which form the nervous tissue. The \_\_\_\_\_ receive messages from the sense organs. These messages pass through the widest part of the neuron, the \_\_\_\_\_. Then, the \_\_\_\_\_ transmits the message to other neurons.