

Use the information found in *Nervous System* to help you complete the following activity.

1. The pituitary gland, located at the base of the brain, is part of the .
2. The strands of neurons that carry messages to the cell body are called .
3. The deliver messages from the brain to the heart.
4. causes messages from the brain to other parts of the body to be blocked.
5. In the abdomen, nerves can detect when the bladder is full.
6. The can be thought of as a central computer that controls the body's functions.
7. The spinal cord begins at the , which is the lower part of the brainstem.
8. There are 200,000 motor neurons controlling muscles.

