

# Our Amazing Brain



Name \_\_\_\_\_

# The Nervous System

- 1) The nervous system is made up of the \_\_\_\_\_, \_\_\_\_\_  
\_\_\_\_\_, and a network of \_\_\_\_\_.
- 2) The brain and spinal cord make up the \_\_\_\_\_  
\_\_\_\_\_, while the \_\_\_\_\_  
\_\_\_\_\_ is made up of nerves.
- 3) Nerves or \_\_\_\_\_ carry impulses (communication signals) around  
the body.
- 4) The two main types of nerves are \_\_\_\_\_ nerves and  
\_\_\_\_\_ nerves.
- 5) Motor nerves allow the brain to \_\_\_\_\_ the muscles.
- 6) Sensory nerves allow the brain to control how we \_\_\_\_\_ to the  
outside world (see, hear, feel, taste, and smell)

- 7) Signals go in \_\_\_\_\_ direction.
- 8) Motor nerves go from the \_\_\_\_\_ to the \_\_\_\_\_.
- 9) Sensory nerves go from the \_\_\_\_\_ to the \_\_\_\_\_.
- 10) Our peripheral nervous system has two sets of nerves: \_\_\_\_\_  
and \_\_\_\_\_.
- 11) Autonomic nerves are \_\_\_\_\_, while somatic nerves are  
\_\_\_\_\_.
- 12) Messages from the nerves travel to your brain at a rate of \_\_\_\_\_ mph.

# The Nervous System

- 1) The nervous system is made up of the **brain, spinal cord**, and a network of **network of nerves**.
- 2) The brain and spinal cord make up the **central nervous system**, while the **peripheral nervous system** is made up of nerves.
- 3) Nerves or **neurons** carry impulses (communication signals) around the body.
- 4) The two main types of nerves are **motor** nerves and **sensory** nerves.
- 5) Motor nerves allow the brain to **control** the muscles.
- 6) Sensory nerves allow the brain to control how we **react** to the outside world (see, hear, feel, taste, and smell)
- 7) Signals go in **one** direction.
- 8) Motor nerves go from the **brain** to the **muscle**.
- 9) Sensory nerves go from the **sense** to the **brain**.
- 10) Our peripheral nervous system has two sets of nerves: **autonomic** and **somatic**.
- 11) Autonomic nerves are **automatic**, while somatic nerves are **voluntary**.
- 12) Messages from the nerves travel to your brain at a rate of **200** mph.