



## Quiz Answer Key

- Your brain is the boss of your body and controls everything you do.
- The nervous system is made up of the brain, spinal cord, and nerves.
- The spinal cord helps carry messages or signals back and forth between your body and brain.
- How many nerves are in your body to send messages to brain and back?
  - dozens
  - hundreds
  - thousands
  - millions
  - billions
- What kinds of things are your brain and nervous system in charge of?
  - walking and running
  - thinking and talking
  - feeling and sleeping
  - breathing and growing
  - all of the above
- How much does the average brain weigh?  
About 3 pounds.
- A nerve cell is also called a neuron.
- Name the five main parts of the brain and one function of each:
 

cerebrum, thinking or moving

cerebellum, balance or coordination

brain stem, breathing or circulation or digestion

hypothalamus, body temperature or appetite or sleep

pituitary gland, growth or metabolism
- The peripheral nervous system:
  - is in the brain
  - includes nerves branching out from the spinal cord to the body
  - helps with peripheral vision
- Breathing, digestion, sweating, and shivering are all functions of the autonomic nervous system.
- Both the brain and spinal cord are protected by bone.
- Neurons relay information to each other through a complex electrochemical process.
- Name one function of cerebrospinal fluid:  
(any one of the following: helps protect nerve tissue, keeps nerve tissue healthy, helps removes waste products from brain and spinal cord)