

Brain Activities



The following activities will help me determine how well you took notes and used them to complete the following activities about the brain and how it functions.

Part A---BRAIN FACT OR FICTION

Read the statement and determine if it is fact or fiction. Write the answer on the line in front of the number. If the statement is fiction, correct the false information.

- _____ 1. The brain equals 10% of your body weight.
- _____ 2. The brain uses 25% of the oxygen you breathe.
- _____ 3. The brain weighs almost 3 pounds.
- _____ 4. The brain only takes up about $\frac{1}{2}$ the volume of your head.
- _____ 5. The brain is a purplish blue color.
- _____ 6. The brain has a smooth surface.
- _____ 7. The brain smells like blue cheese.
- _____ 8. The brain feels mushy like oatmeal.
- _____ 9. The brain is commander in chief of everything your body does.
- _____ 10. The brain is separated into two hemispheres—front & back.
- _____ 11. The neurons that don't get used will get pruned and regrow.
- _____ 12. A single grain of rice would house approximately 15,000 neurons.

Part B—FUNCTIONS OF THE BRAIN

Identify the major part of the brain (cerebrum, cerebellum and brain stem) that is being used in the following statements.

1. WHAT PART OF THE BRAIN AM I USING IF I...can play the game “Operation” without setting off the buzzer and lighting up the nose?
2. WHAT PART OF THE BRAIN AM I USING IF I...am trying to figure out a calculus problem?
3. WHAT PART OF THE BRAIN AM I USING IF I...am walking on an icy sidewalk and trying not to fall down?
4. WHAT PART OF THE BRAIN AM I USING IF I...am trying to memorize the periodic table for chemistry?
5. WHAT PART OF THE BRAIN AM I USING IF I...maintain a normal blood pressure?
6. WHAT PART OF THE BRAIN AM I USING IF I...can pat my head and rub my belly at the same time?
7. WHAT PART OF THE BRAIN AM I USING IF I...can smell freshly baked cookies before I ever enter the kitchen?
8. WHAT PART OF THE BRAIN AM I USING IF I...can easily break down the foods I consume?
9. WHAT PART OF THE BRAIN AM I USING IF I...can clearly enunciate all the words in my speech?
10. WHAT PART OF THE BRAIN AM I USING IF I...continue to breathe even while I’m asleep?

