

Name#:

Block:



the brain injury association

factsheet

Basic brain information

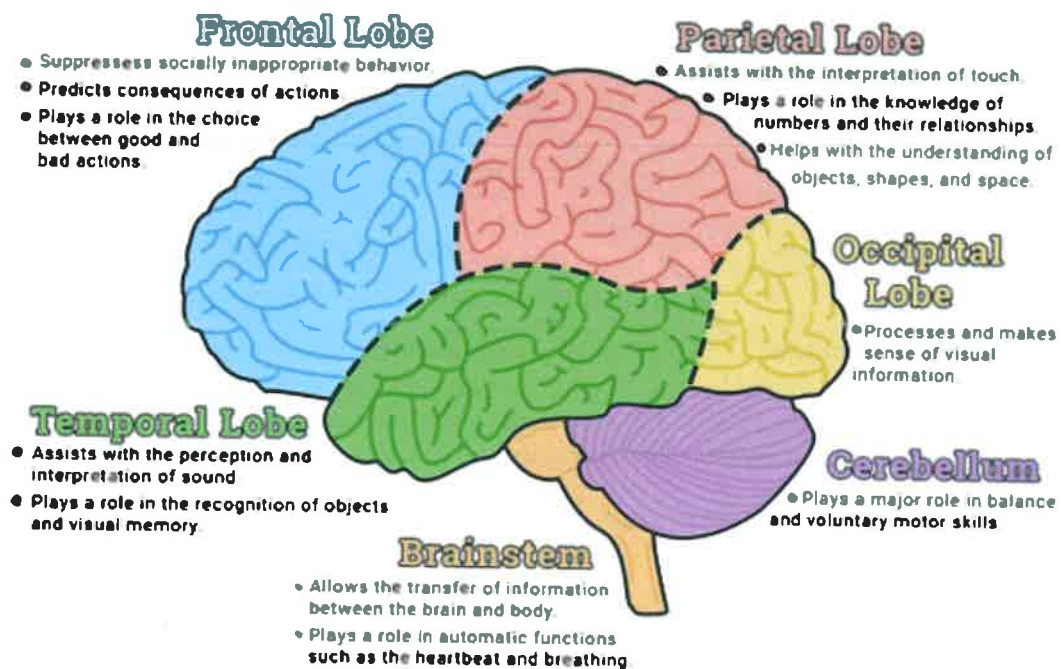
Brain facts

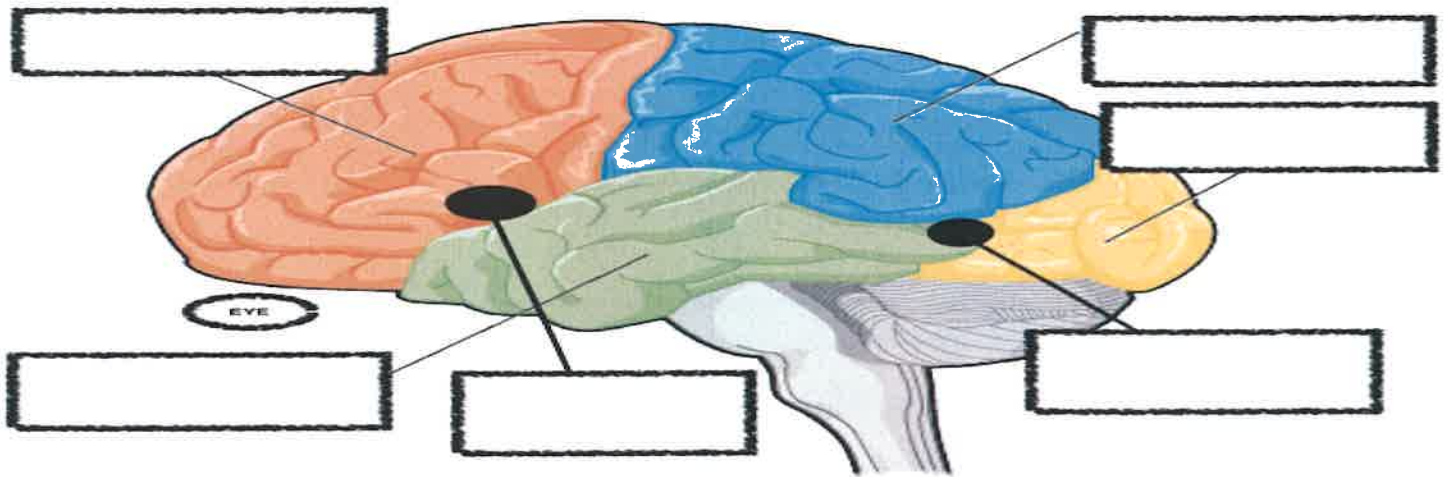
- Your brain weighs about 3lbs, or just under 1.5Kg
- It has the texture of blancmange
- Your brain is connected to your spinal cord by the brain stem
- Behind your brain stem is the cerebellum
- The cerebral cortex is the largest part of your brain. It contains the frontal lobes, the motor cortex, sensory cortex and parietal lobes
- The brain is made up of around 100 billion nerve cells and even more support cells, which provide nourishment to the nerve cells

The diagram below shows which areas of your brain control different activities.

Damage to a particular area can affect that activity. Strokes tend to affect a specific area of the brain, whereas a head injury due to a road traffic accident usually involves more general damage.

The Human Brain





1) On the diagram above, you must use chapter 3 and the information on the front side to label the different lobes and areas of the brain. Only provide the name of the lobe or area. (6pts.)

2) Below, list and explain, in their entirety, the function of each lobe and area labeled above. Highlight the names of the lobes and areas. (6pts.)

3) On the diagram below, identify the lobe Phineas damaged by sketching where the tamping iron penetrated his brain and exited. Be as precise as possible with the angle of your sketch, and keep in mind what functions of Phineas were and were not affected by this injury. Don't forget to put a point to the top of your tamping iron! (1pt.)

