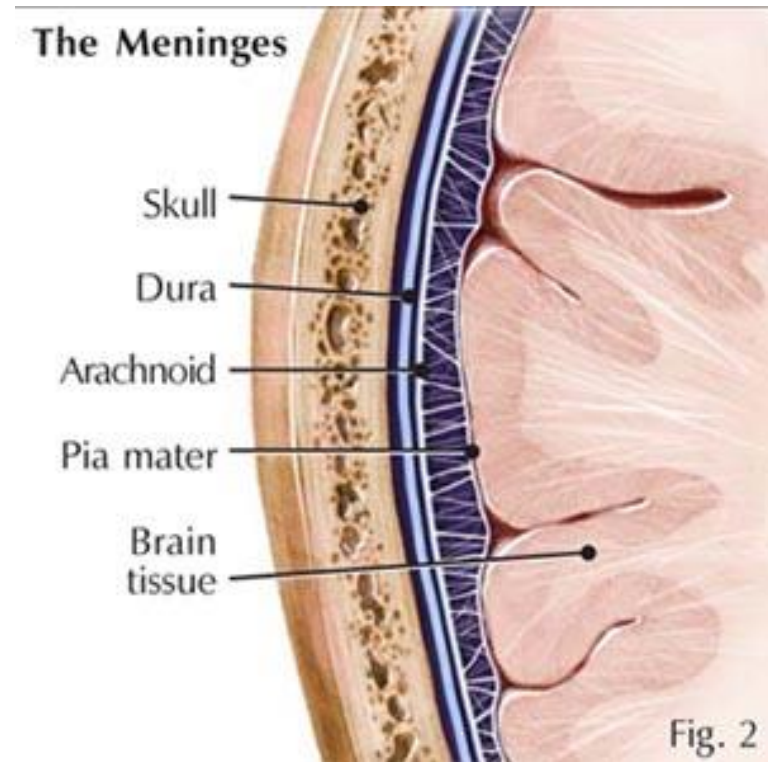




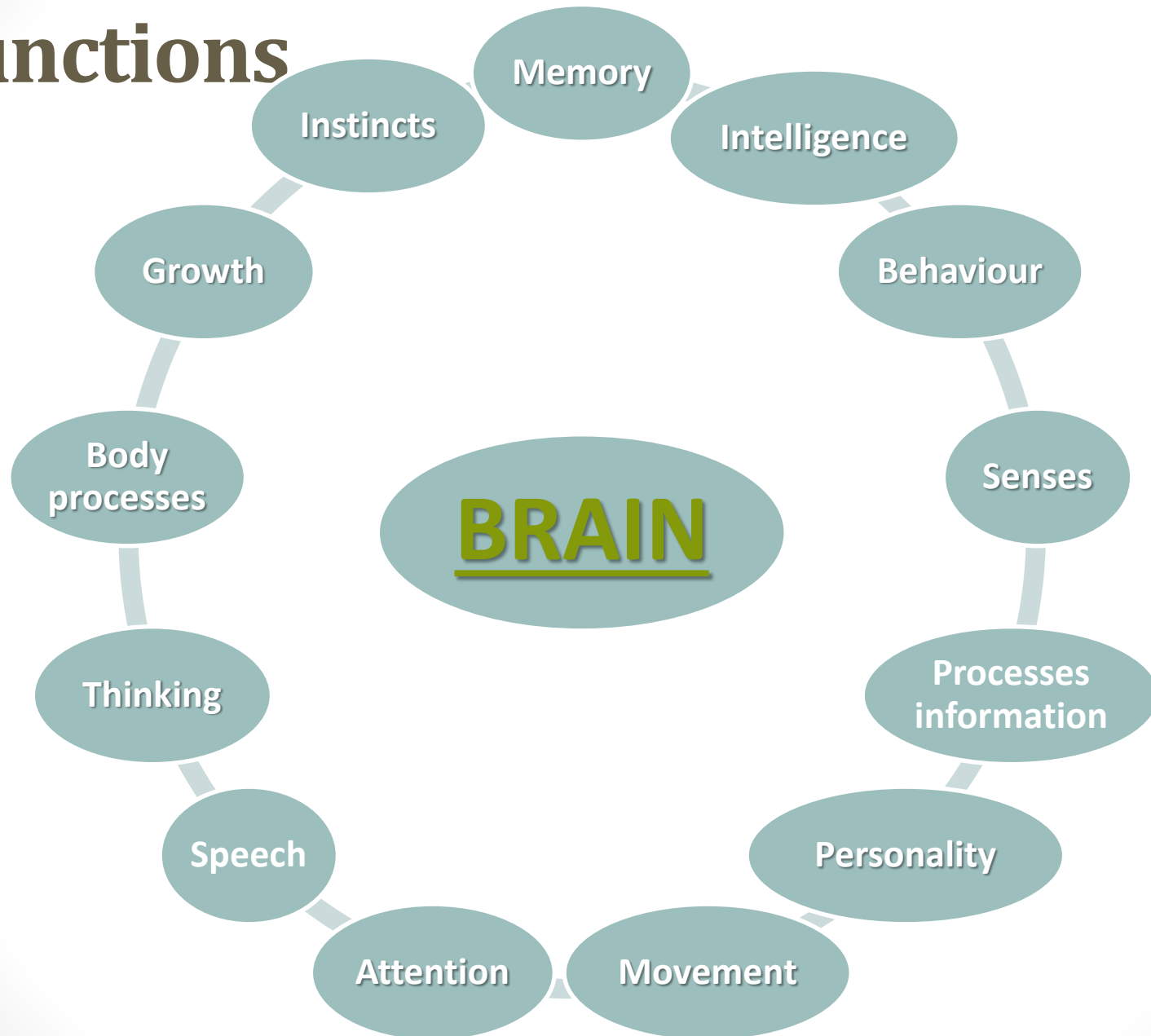
In Your Head

Brain

- Control center of the body
- Part of the central nervous system with spinal cord
- Covered by the meninges
 - 3 layers
 - Dura mater
 - Arachnoid
 - Pia mater



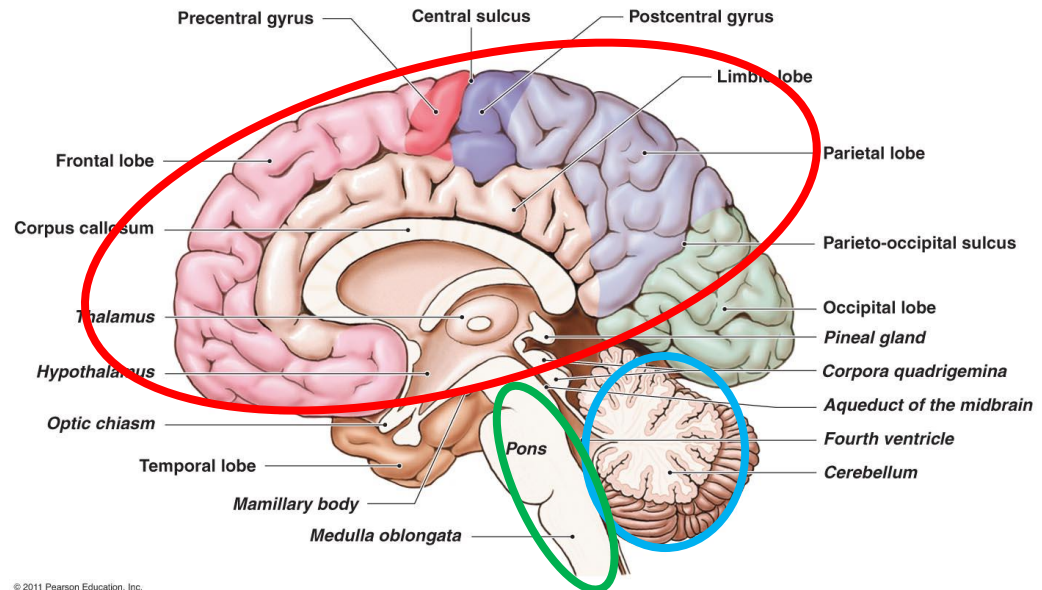
Functions



Brain

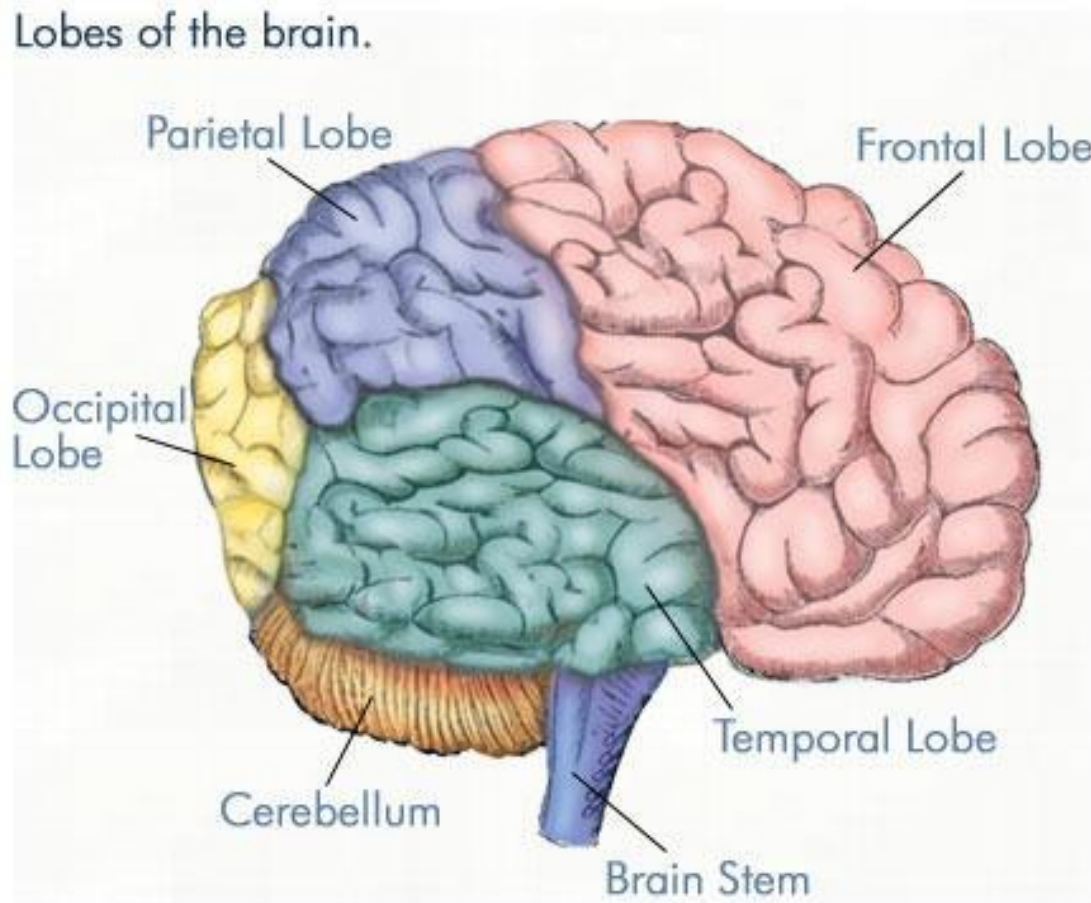
- Divided into 3 sections
 - Cerebrum
 - Cerebellum
 - Brain Stem

A midsagittal view showing the inner boundaries of the lobes of the cerebral cortex
(Structures outside of the cerebrum are labeled in italics.)



Brain

- Cerebrum is divided into lobes



Frontal Lobe

- Problem solving
- Emotional traits
- Reasoning (judgment)
- Speaking
- Voluntary motor activity

Parietal Lobe

- Knowing right from left
- Sensation
- Reading
- Body orientation

Occipital Lobe

- Vision
- Color perception

Temporal Lobe

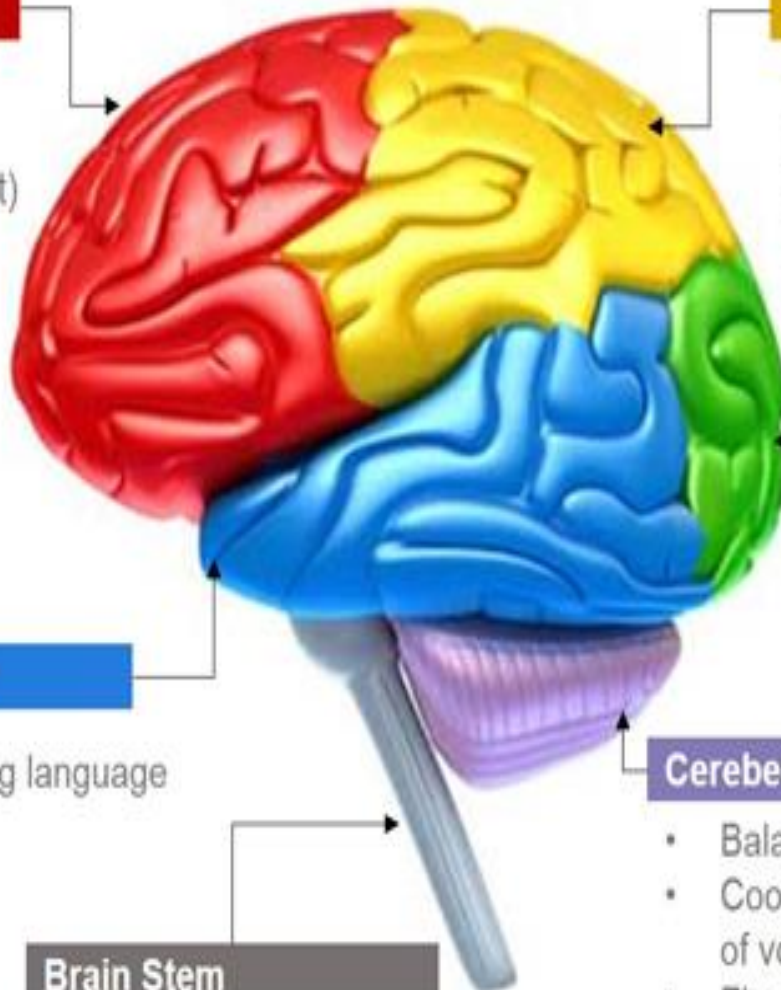
- Understanding language
- Behavior
- Memory
- Hearing

Cerebellum

- Balance
- Coordination and control of voluntary movement
- Fine muscle control

Brain Stem

- Breathing
- Body temperature
- Digestion
- Alertness/sleep
- Swallowing



Brain

- Nerves that come directly off the brain are called cranial nerves

