Notes on Parts of the Nervous System

|  |  |
| --- | --- |
| **Central Nervous System** | **Peripheral Nervous System** |
|  |  |

**The Brain**

3 general regions:

1.

2.

3.

Hindbrain:

Pons:

Cerebellum:

Midbrain:

Brainstem:

Forebrain

Cerebrum:

Hemispheres:

Thalamus:

Hypothalamus:

Myths about the brain

1.

2.

Peripheral Nervous System:

|  |  |
| --- | --- |
| **Somatic Nervous System (SNS)** | **Autonomic Nervous System (ANS)** |
|  |  |

ANS divisions

|  |  |
| --- | --- |
| **Sympathetic** | **Parasympathetic** |
|  |  |

**Cells of the Nervous System**

1. Neurons
2. Glial cells

Action potential:

Synapse:

Neurotransmitters:

Synaptic cleft: