

## THE BRAIN

✓ Complete the following statements with the most appropriate term(s):

List the major superficial lobes of the cerebrum:

\_\_\_\_\_, \_\_\_\_\_,  
\_\_\_\_\_, \_\_\_\_\_

The \_\_\_\_\_ is a fifth lobe of the brain that lies deep within the lateral sulcus.

The structure connects the left and right hemispheres of the brain is the \_\_\_\_\_.

Fill-in the correct sulcus or fissure:

\_\_\_\_\_ separates the left and right hemispheres  
\_\_\_\_\_ located between the precentral and postcentral gyrus  
\_\_\_\_\_ separates the cerebellum from cerebrum

CSF is produced by ependymal cells of the \_\_\_\_\_ which are located in the \_\_\_\_\_ (cavities) of the brain.

Between which meningeal layers is the CSF found? \_\_\_\_\_ mater and \_\_\_\_\_ mater

Into which space is most of the CSF drained? \_\_\_\_\_

The three parts of the brainstem are the: \_\_\_\_\_, \_\_\_\_\_, and \_\_\_\_\_

The CSF connection between the third and fourth ventricles is through the \_\_\_\_\_

The \_\_\_\_\_ comprises the floor of the lateral ventricles.

The thalamus, hypothalamus, basal ganglia, and third ventricle are located in the \_\_\_\_\_ region of the brain.

The \_\_\_\_\_ is the thick outer connective tissue covering of the brain.

The \_\_\_\_\_ is the delicate connective tissue that actually contacts the brain.

The \_\_\_\_\_ space is located between the arachnoid and pia maters.

The \_\_\_\_\_ are collectively the three connective tissue membranes that surround the brain.

The \_\_\_\_\_ is a connective tissue membrane that separates the cerebral hemispheres.

The \_\_\_\_\_ drain the CSF from the subarachnoid space and release it into the \_\_\_\_\_.

#### PRACTICE DRILLS

✓ Quiz your partner on the following:

- Brain ventricle model - Identify each of the ventricles. What is represented by the pink paint?
- Sagittal brain model – Identify the region of the diencephalons that serves as a relay center. Identify the region responsible for melatonin production. Identify the region that controls aggression, thirst, motivation, and hormone secretion.
- Sagittal brain model – Identify the sequence of structures through which a conscious decision to wave your hand would take. Where would the nerve impulses begin? Where would they pass through next?