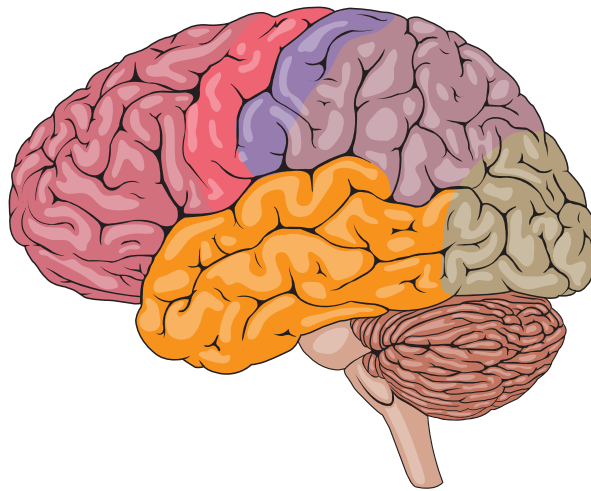


Name: \_\_\_\_\_

Class: \_\_\_\_\_

## THE NERVOUS SYSTEM

1. The human brain consists of four lobes that are specialised to carry out different functions. Choose the lobes from the boxes and label them on the diagram given below:



Frontal lobe

Parietal lobe

Temporal lobe

Occipital lobe

2. Why do smells trigger memories?

- a) smells take a direct route to the limbic system, including the amygdala and the hippocampus, the regions related to emotion and memory
- b) smells bypass the hypothalamus
- c) smells are processed by the region of the brain that stores memories
- d) the nose's sensory cells also store memories

3. Match the skin receptors to their function:

|                      |             |
|----------------------|-------------|
| Free nerve endings   | pressure    |
| Pacinian corpuscle   | pain        |
| Merkel's disc        | temperature |
| Meissner's corpuscle | touch       |
| Root hair plexus     | vibration   |