

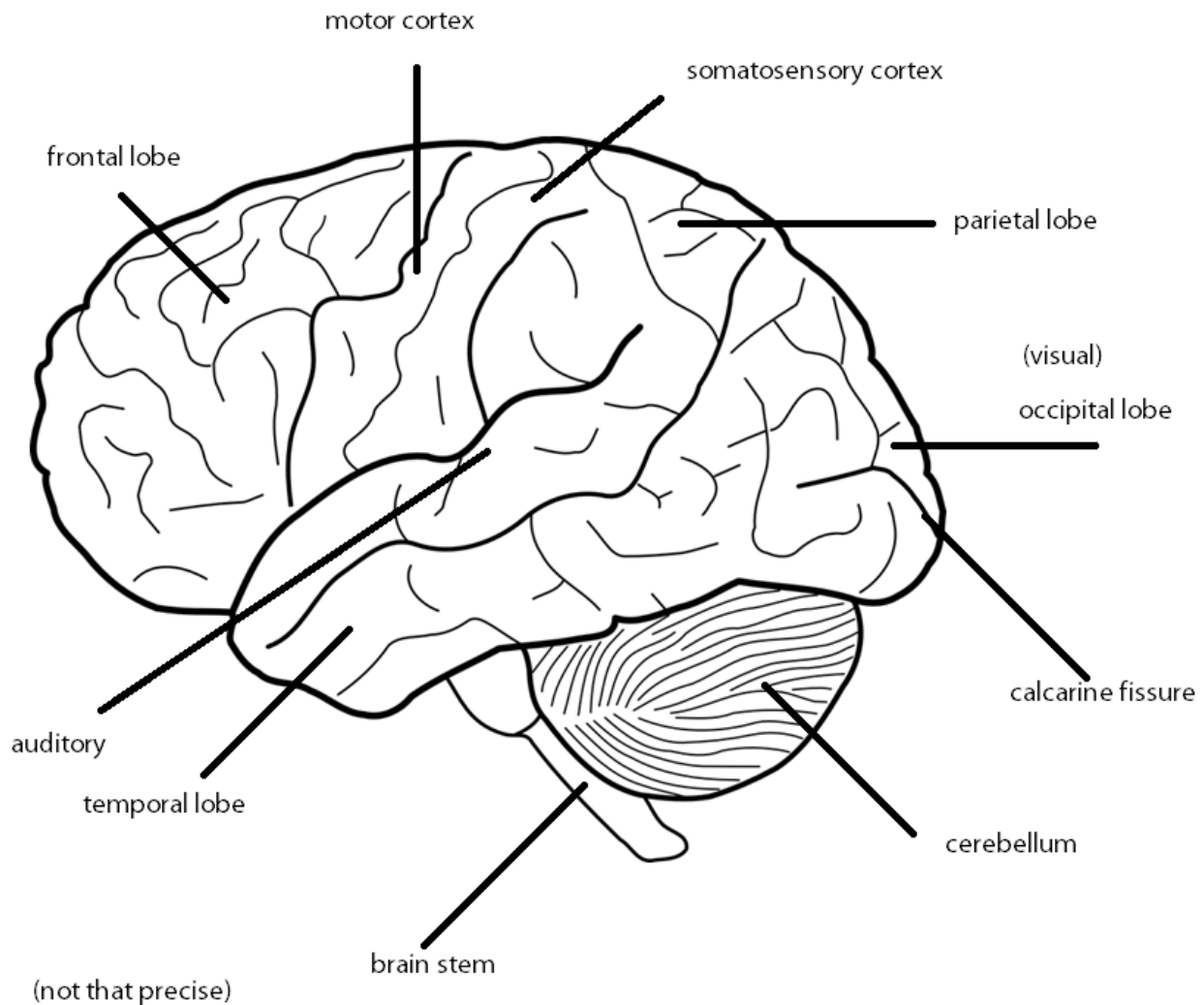
- Identify brain regions we will commonly come across:

Level 1: Use the “3D Brain” app, or prior knowledge, to label the following—

Lobes (frontal, parietal, temporal, occipital)

Areas outside of neocortex (cerebellum, brain stem)

Major functional areas (motor, somatosensory, visual, auditory)



Level 2: Figure out where specific regions are located and how people refer to directionality in the brain

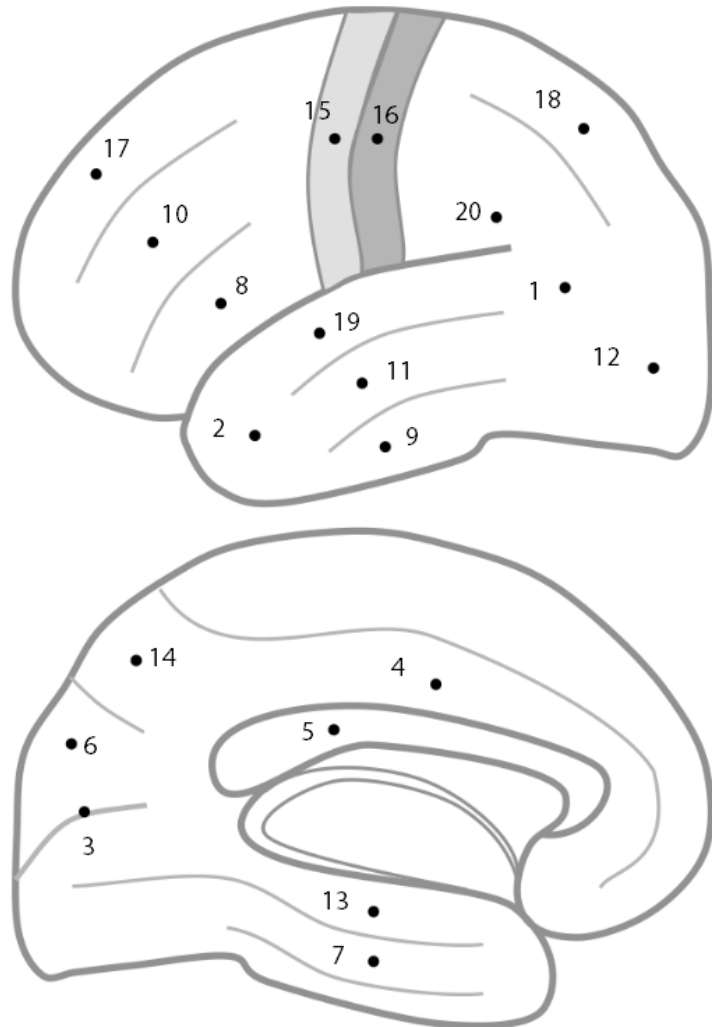
Regions (basal ganglia, hippocampus, temporal cortex, angular gyrus, cingulate gyrus, fusiform gyrus, precuneus, parahippocampal gyrus)

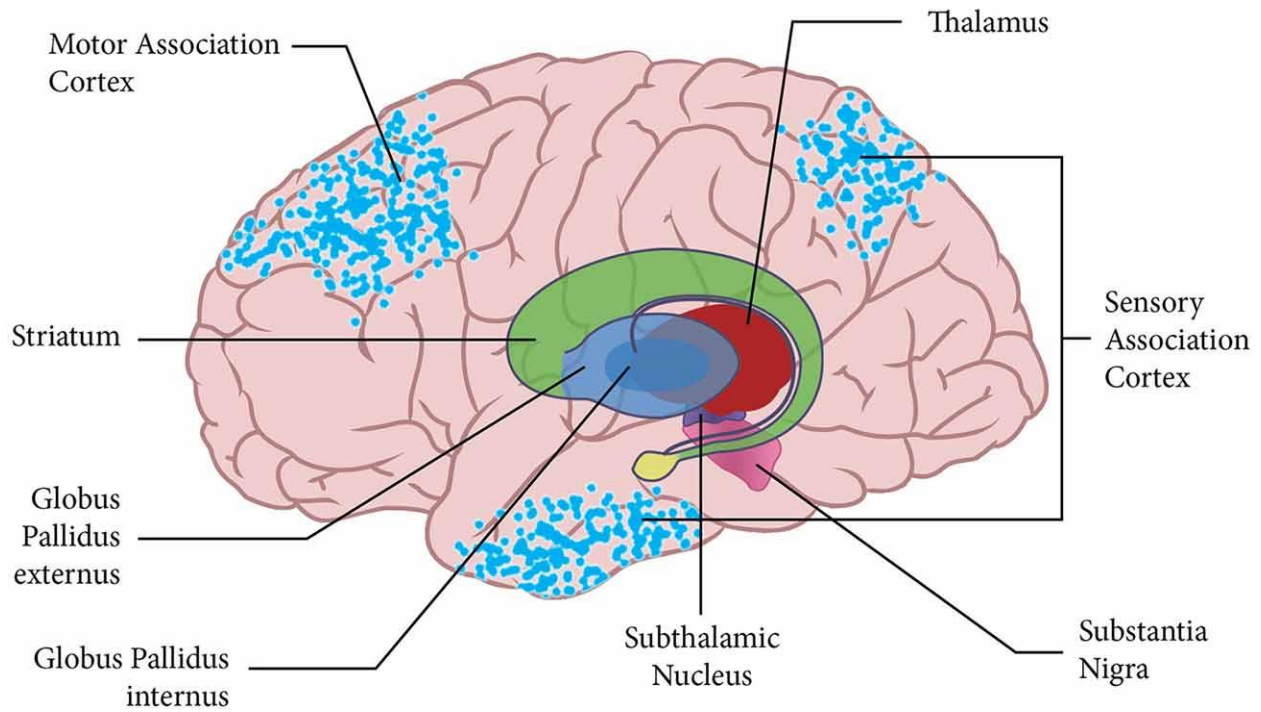
Major features (central sulcus, lateral/Sylvian fissure, calcarine fissure)

Directions (inferior/superior, rostral/caudal, anterior/posterior, medial/lateral, dorsal/ventral)

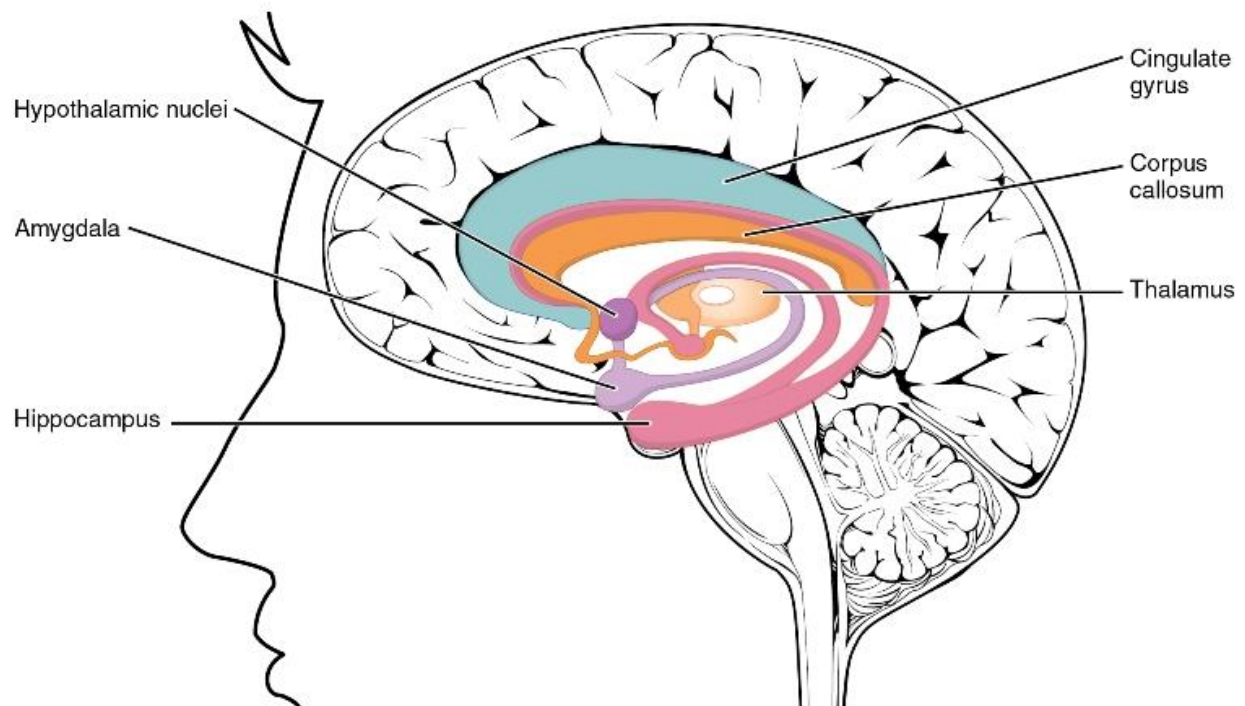
Apply directions to each of the lobes identified in Level 2: e.g., where is inferior frontal gyrus?

1	angular gyrus
2	anterior temporal lobe
3	calcarine fissure
4	cingulate gyrus
5	corpus callosum
6	cuneus
7	fusiform gyrus
8	inferior frontal gyrus
9	inferior temporal lobe
10	middle frontal gyrus
11	middle temporal lobe
12	occipital lobe
13	parahippocampal gyrus
14	precuneus
15	primary motor cortex
16	primary somatosensory cortex
17	superior frontal gyrus
18	superior parietal lobule
19	superior temporal lobe
20	supramarginal gyrus





(from: <https://www.frontiersin.org/articles/10.3389/fncom.2015.00119/full>)



(from: <https://reliawire.com/hippocampus/>)