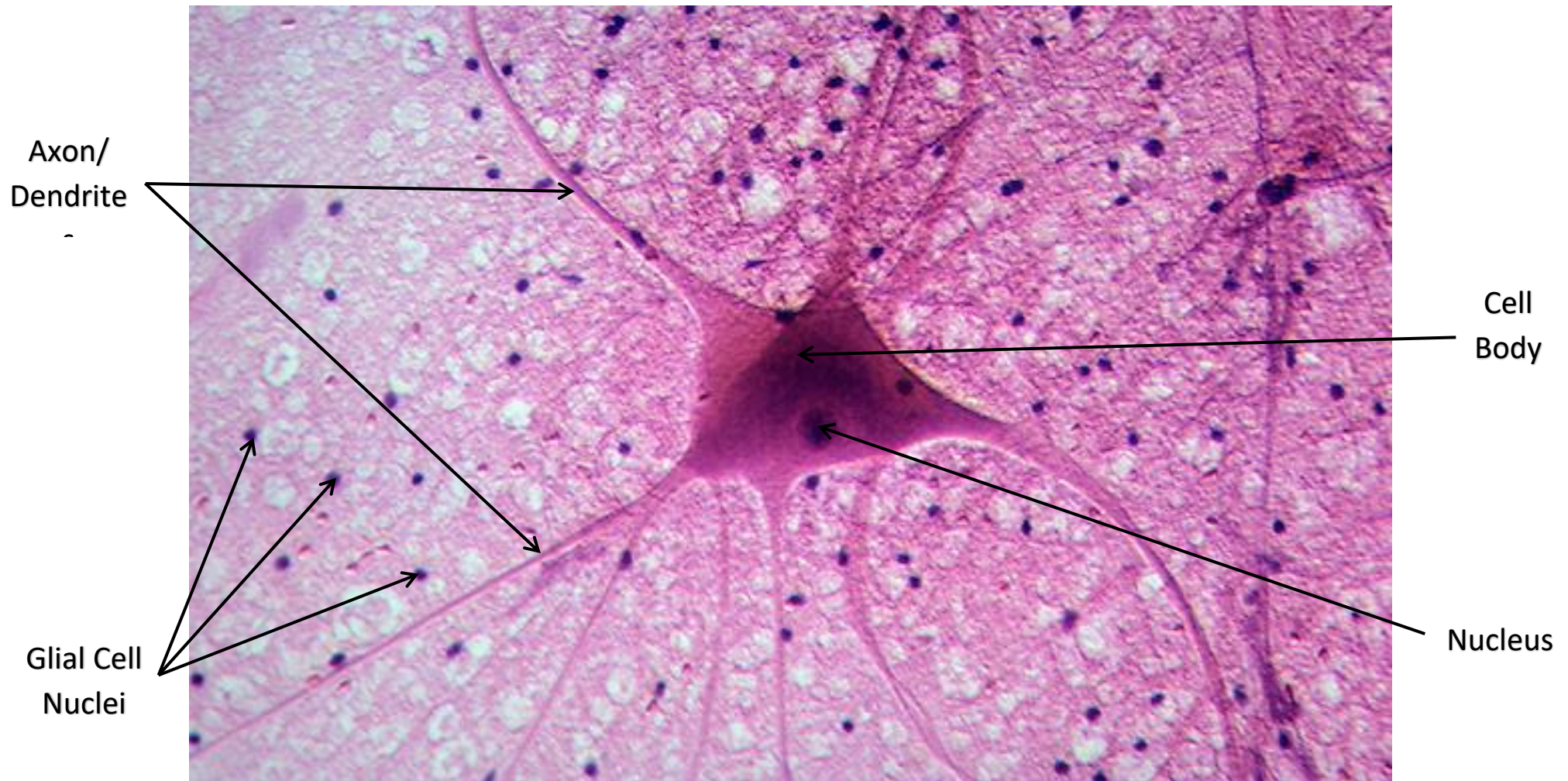
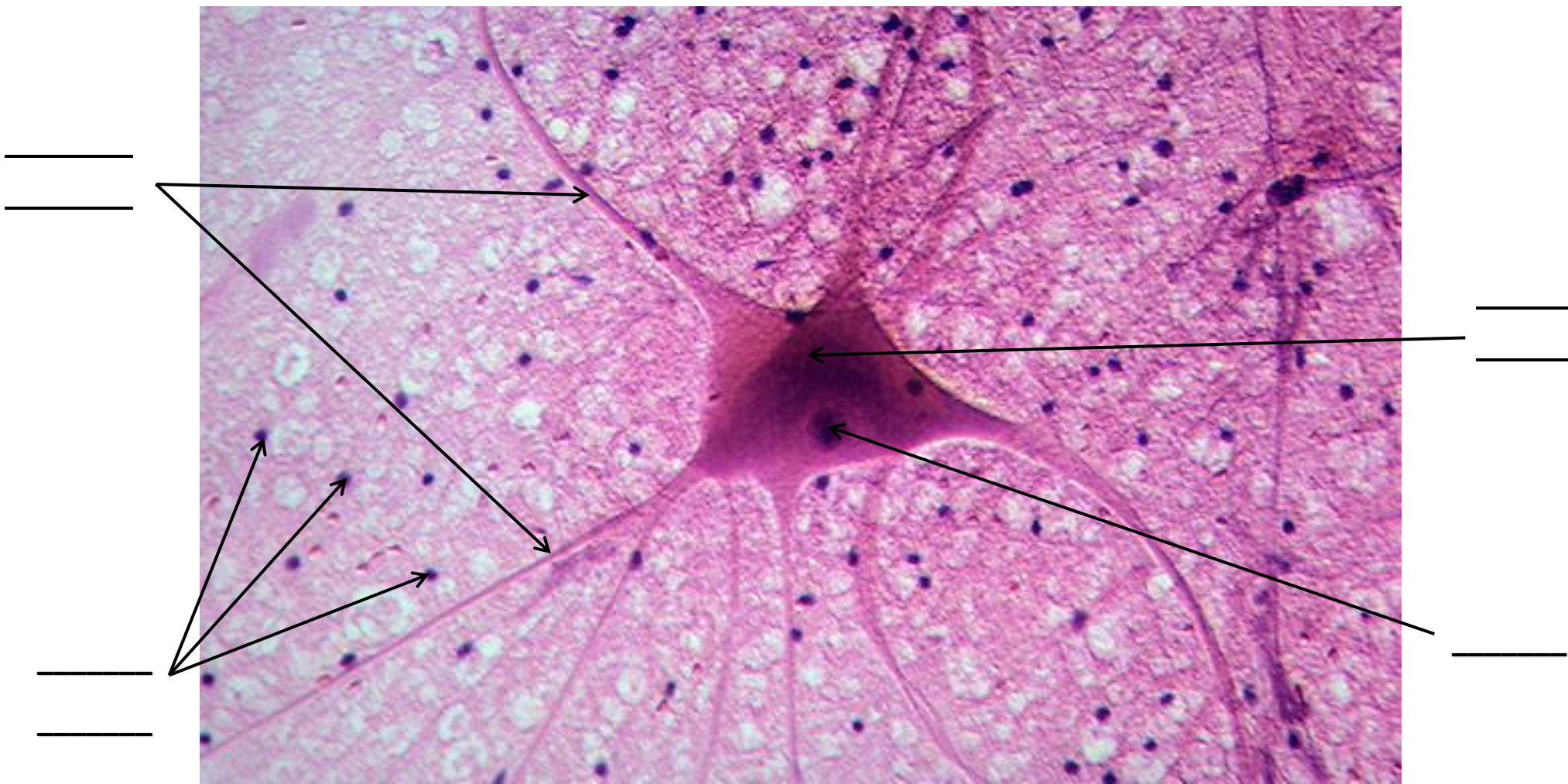
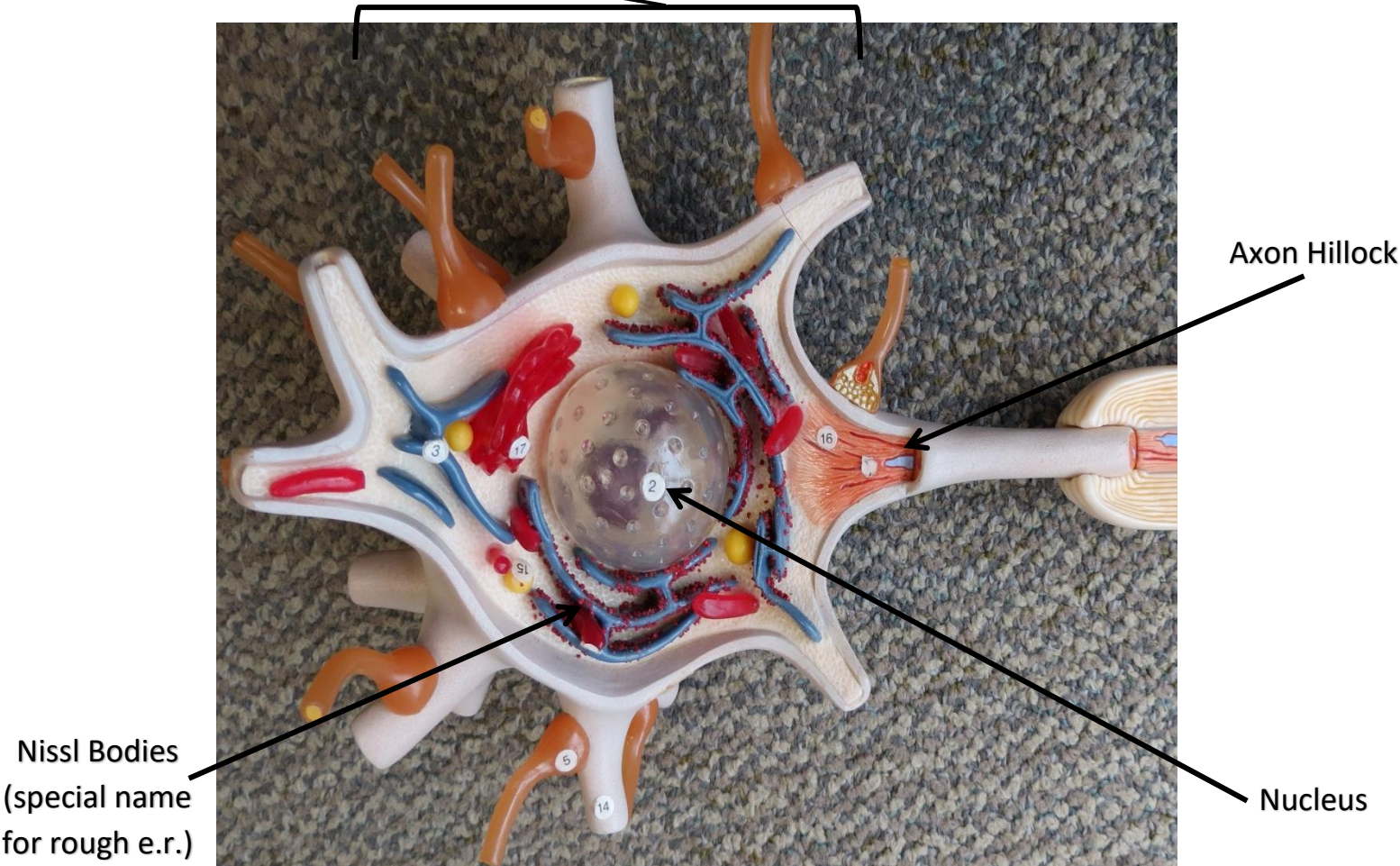
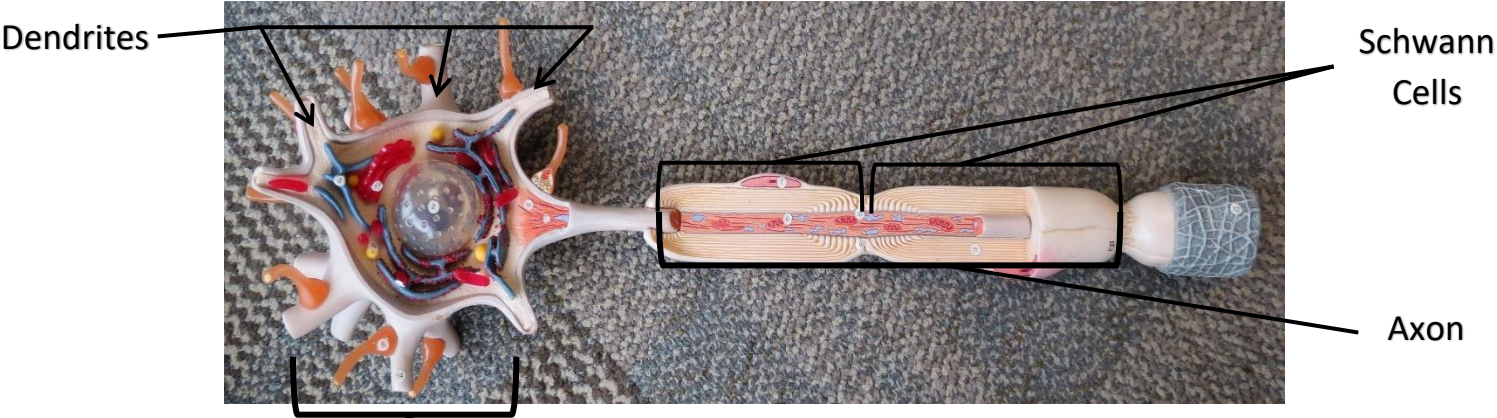


MOTOR NEURON SLIDE

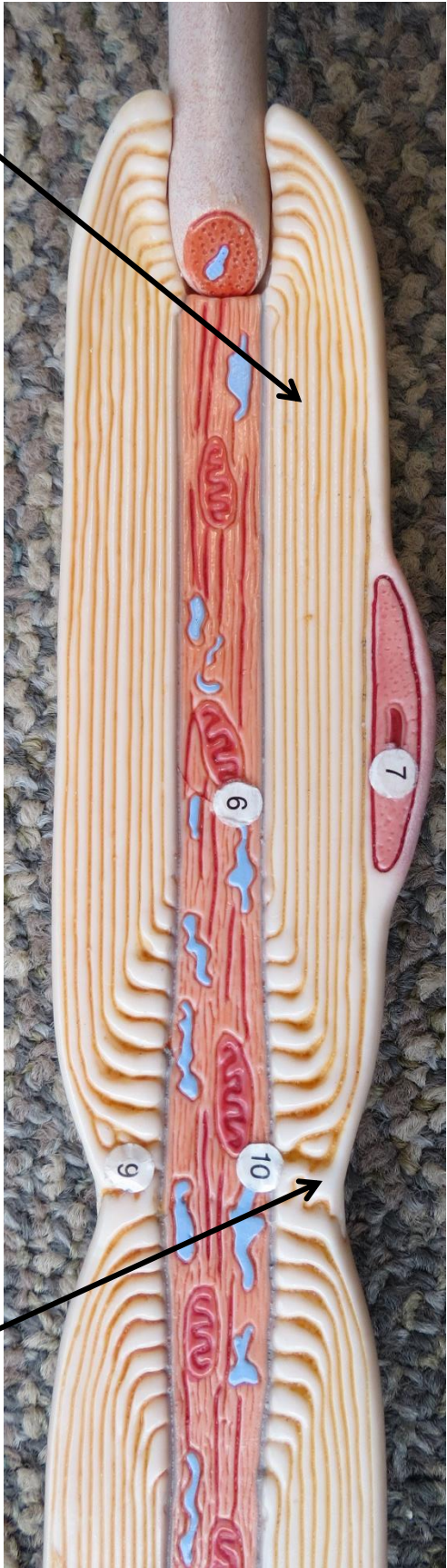




NEURON MODEL

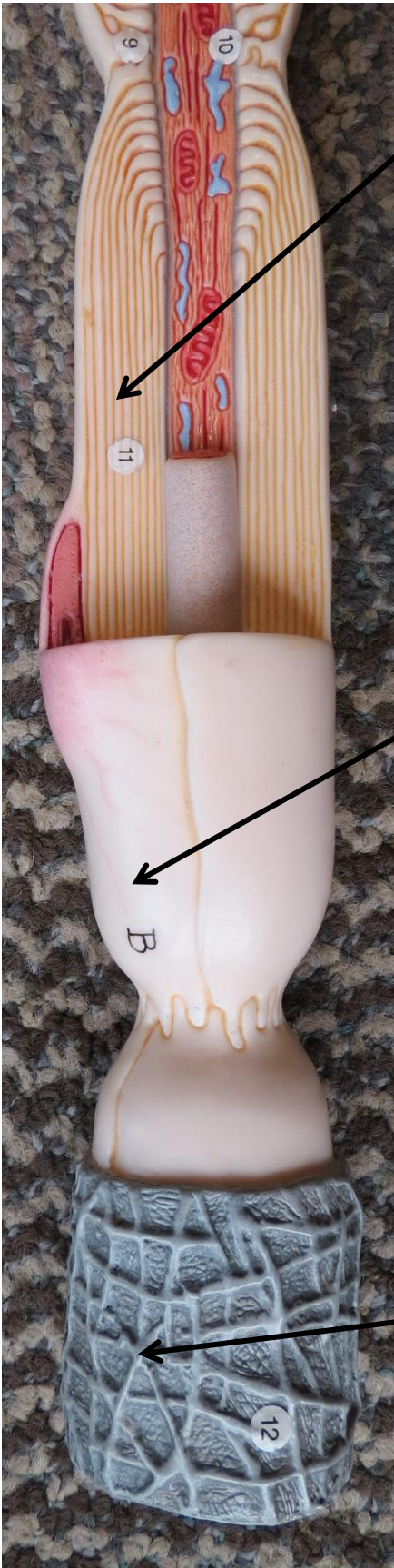


NEURON MODEL



Myelin Sheath
(layers inside
each schwann
cell)

Node of Ranvier
(gaps between
schwann cells)

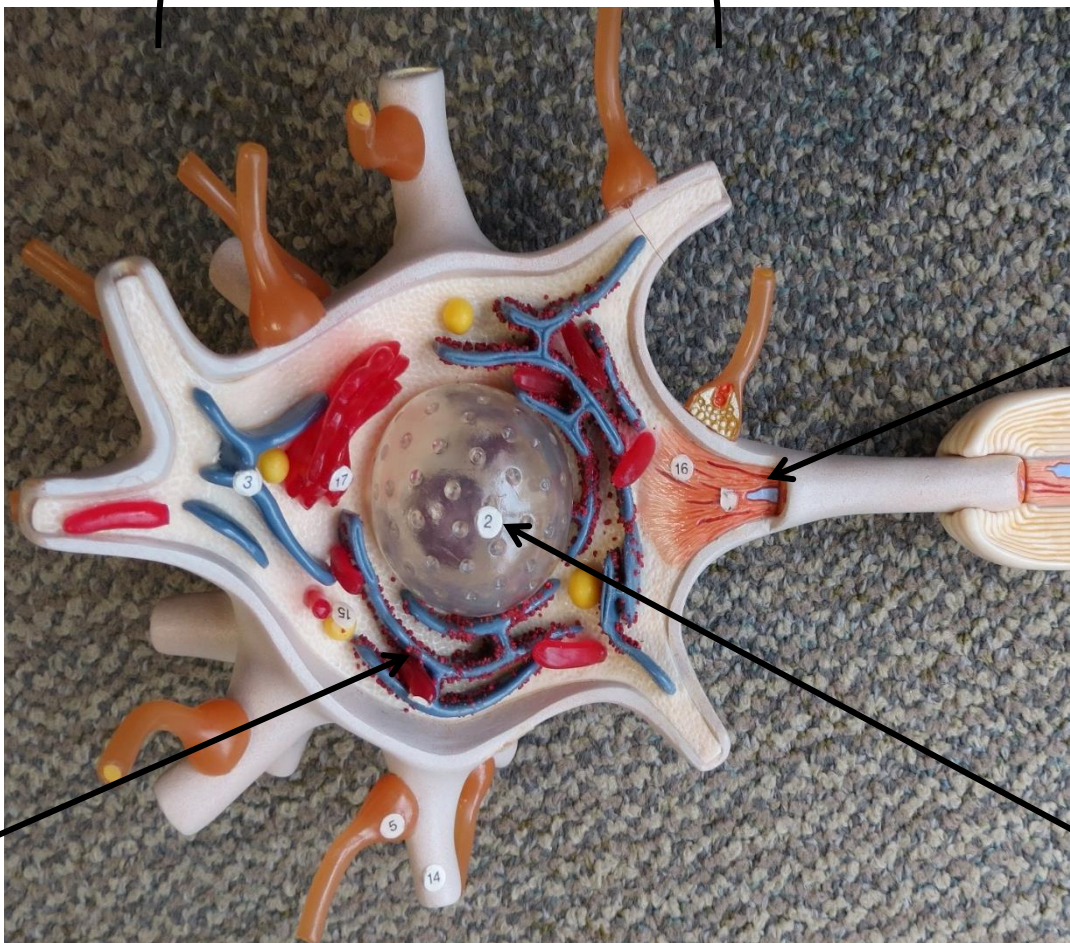
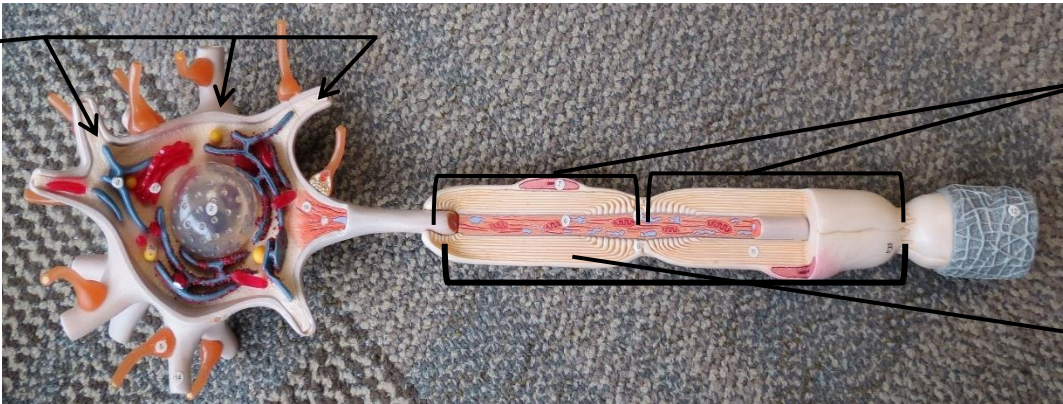


Myelin Sheath
(layers inside
each schwann
cell)

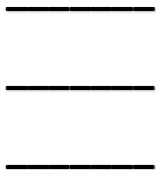
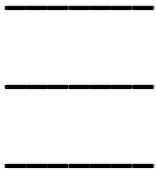
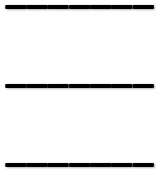
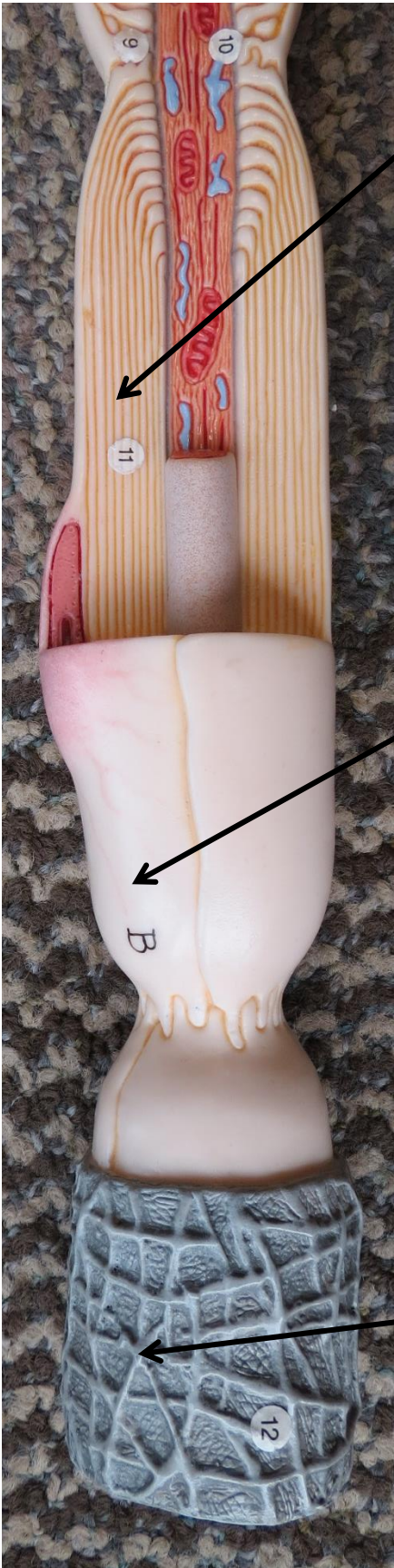
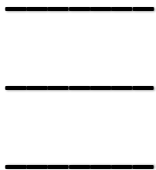
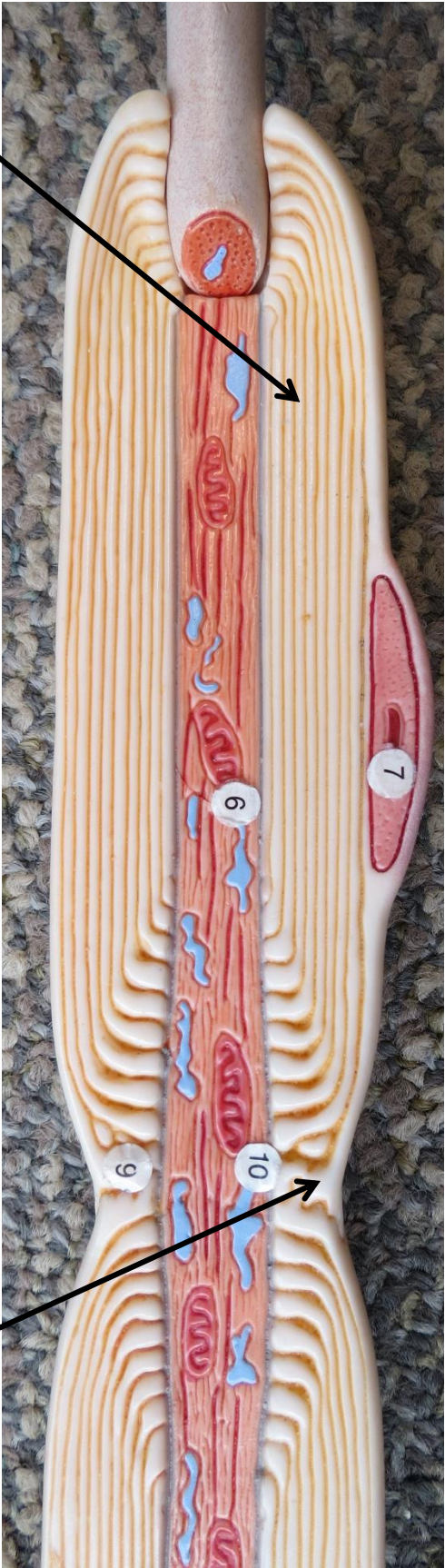
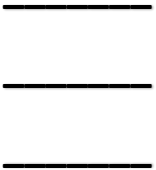
Neurilemma
(outermost layer
of schwann cell)

Endoneurium
(connective tissue
around axon)

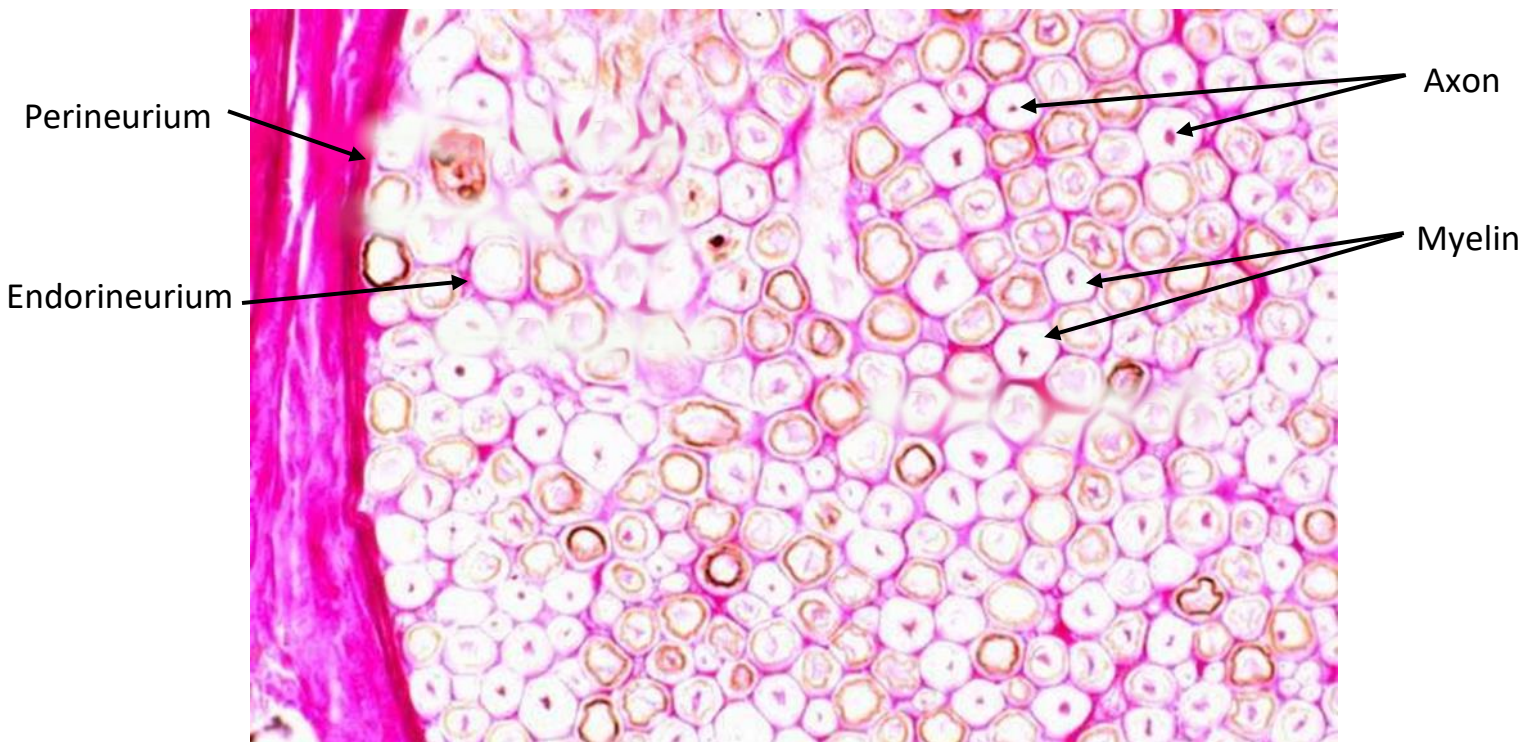
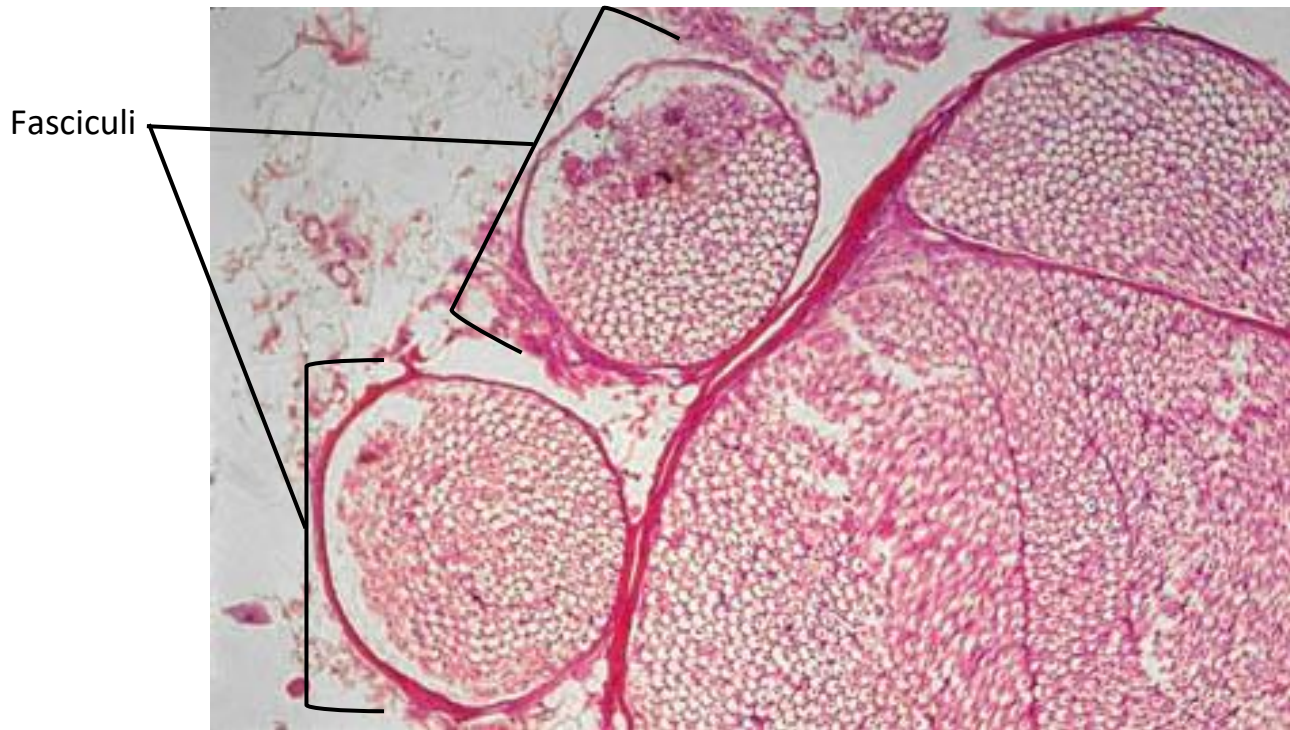
NEURON MODEL



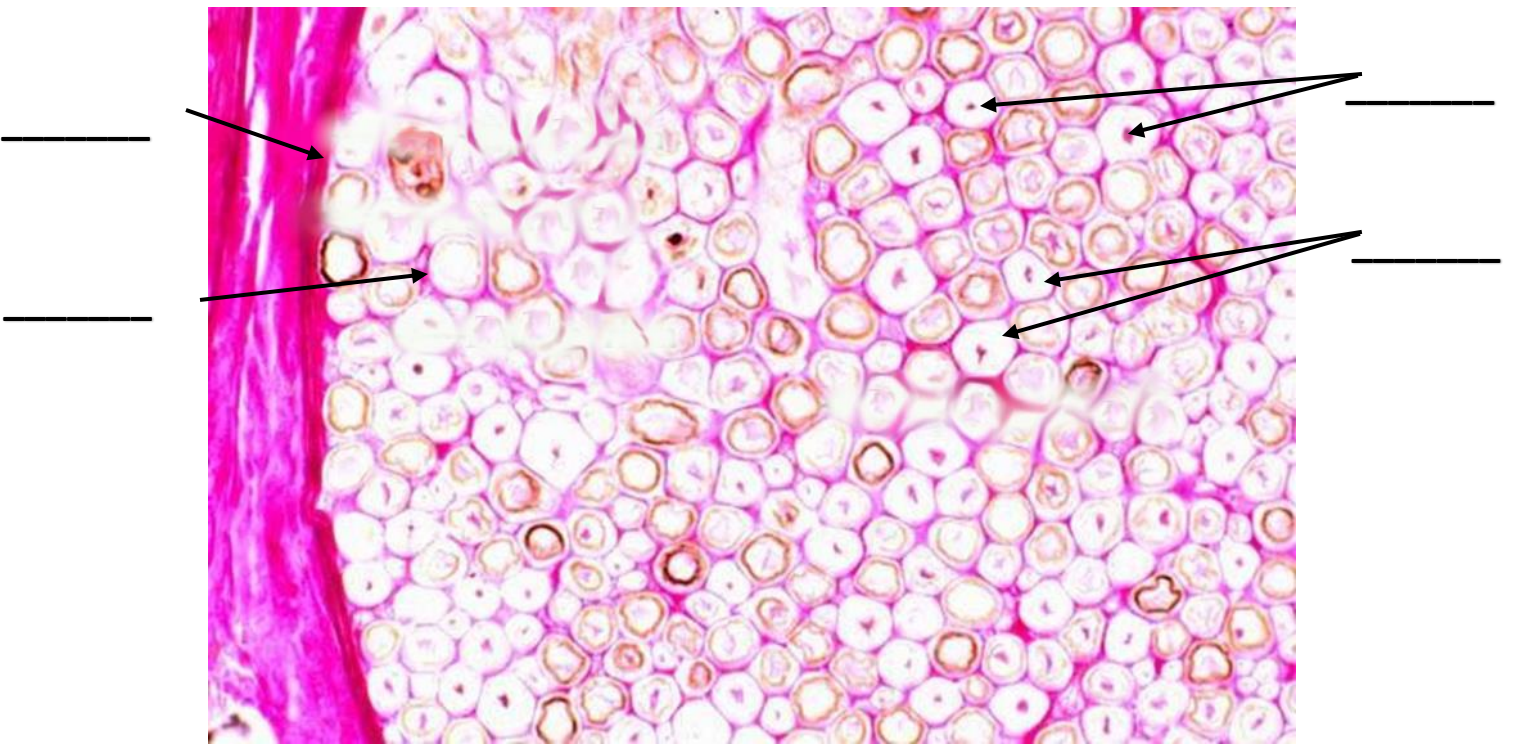
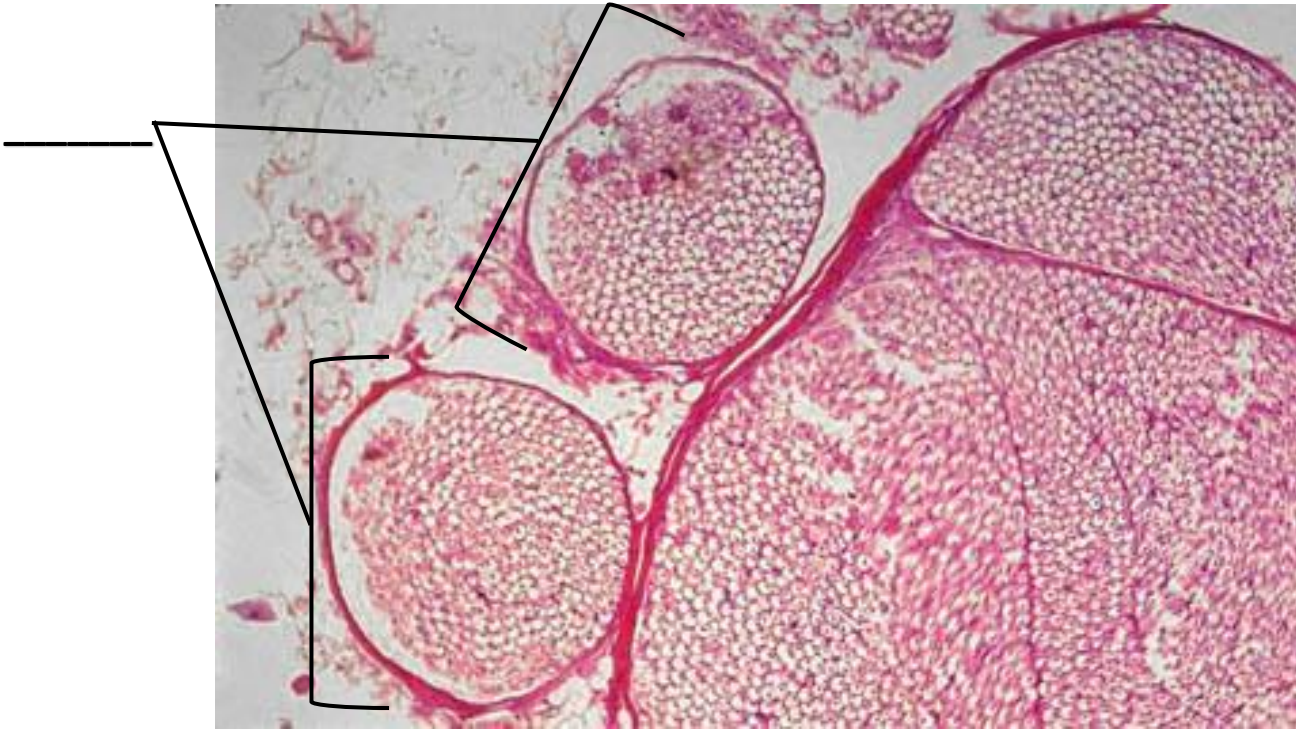
NEURON MODEL



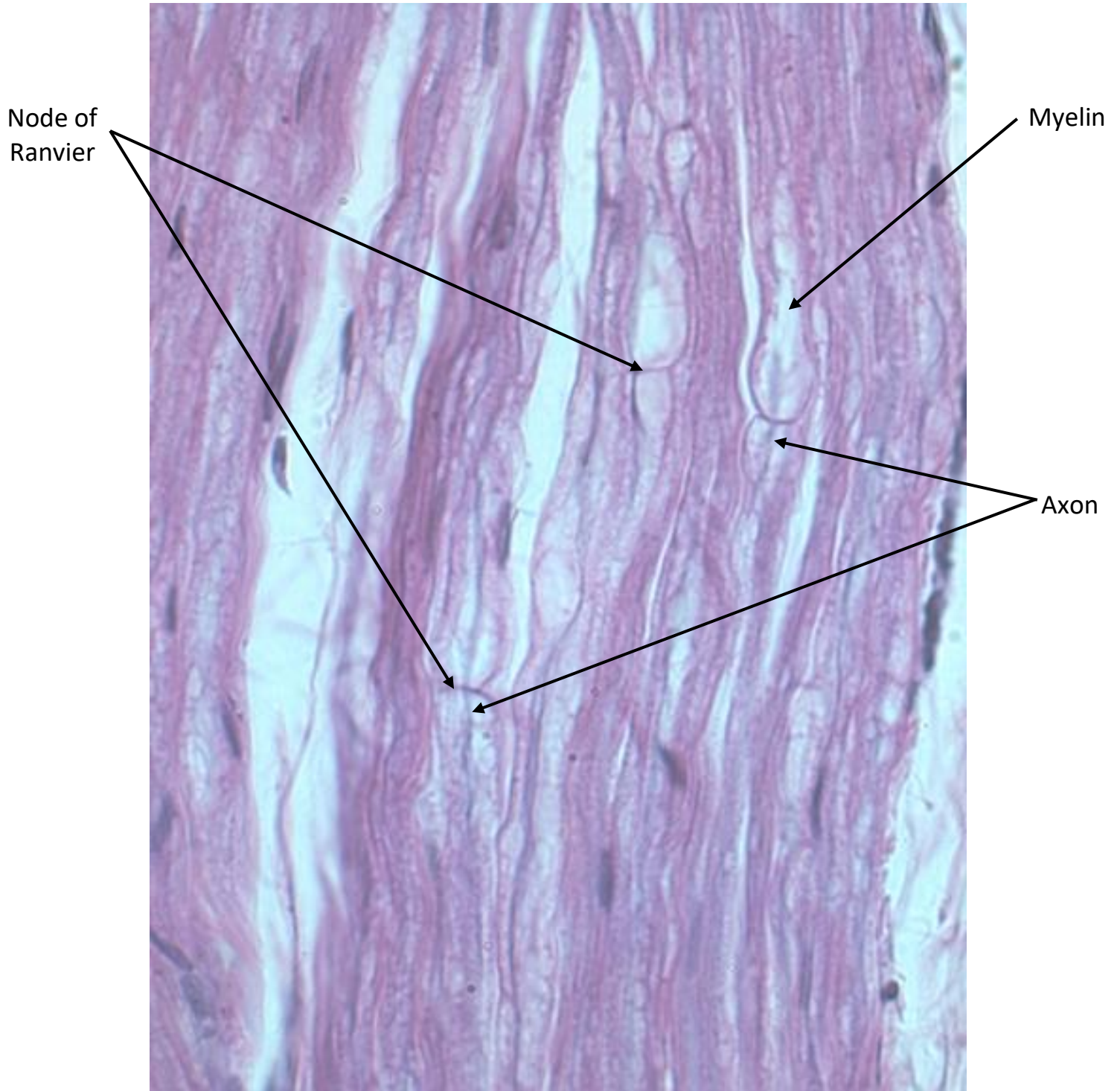
PERIPHERAL NERVE SLIDE

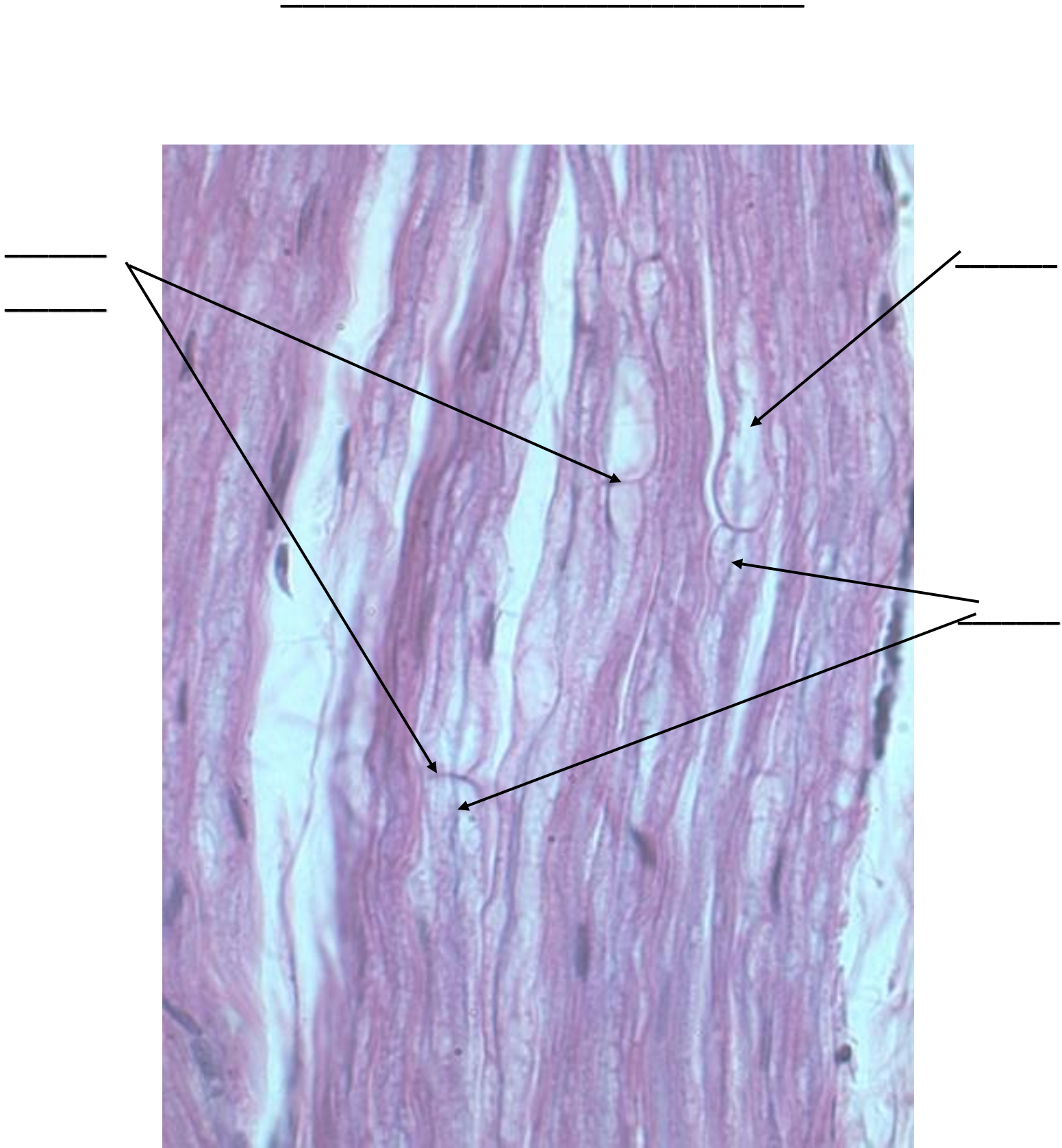


Cross Section



PERIPHERAL NERVE SLIDE (longitudinal)





BRAIN MODEL

Right Cerebral Hemisphere

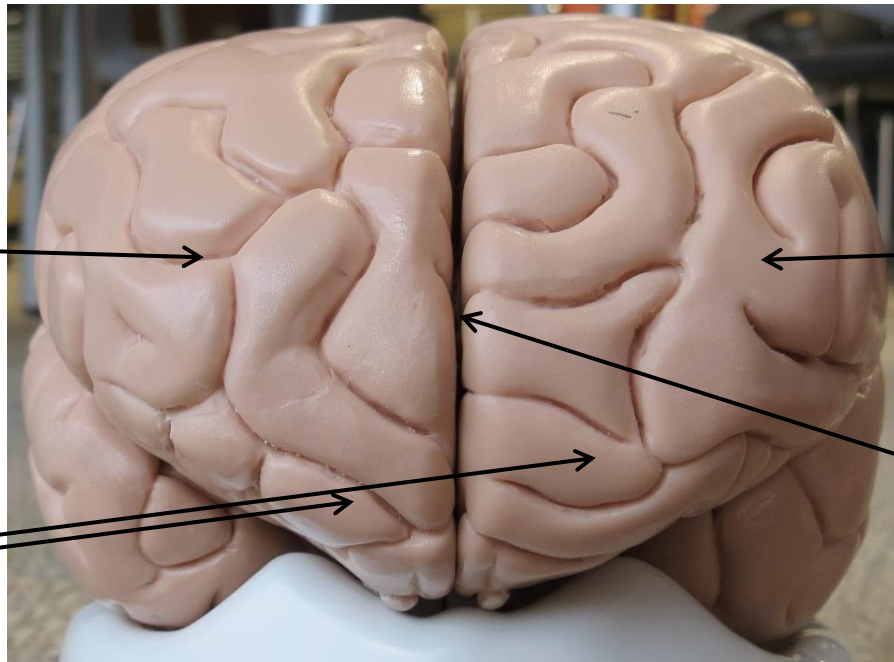
Left Cerebral Hemisphere

Sulci
(grooves
in brain)

Gyri
(bumps on
brain)

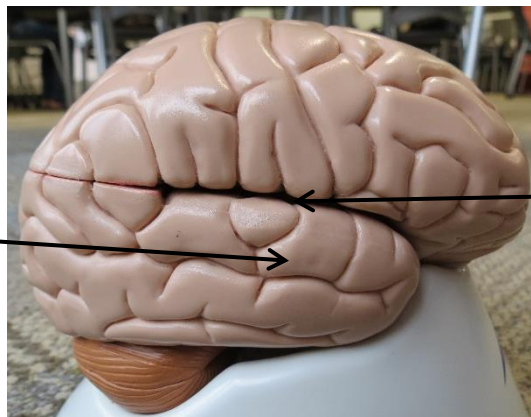
Frontal
Lobe

Longitudinal
Median
Fissure



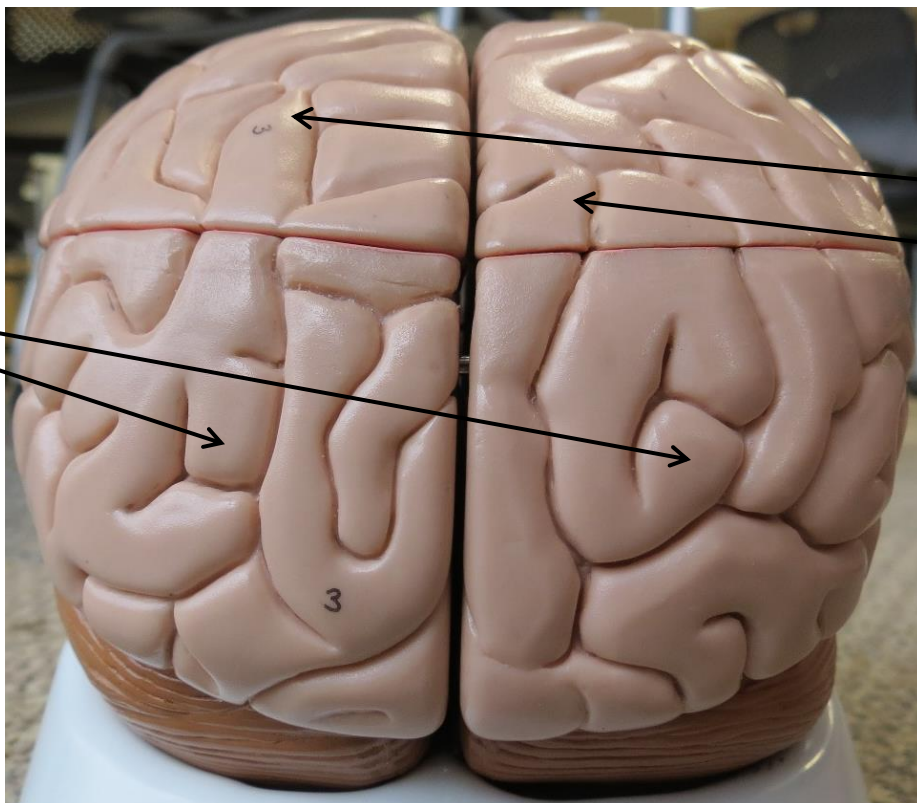
Temporal Lobe

Lateral Sulcus

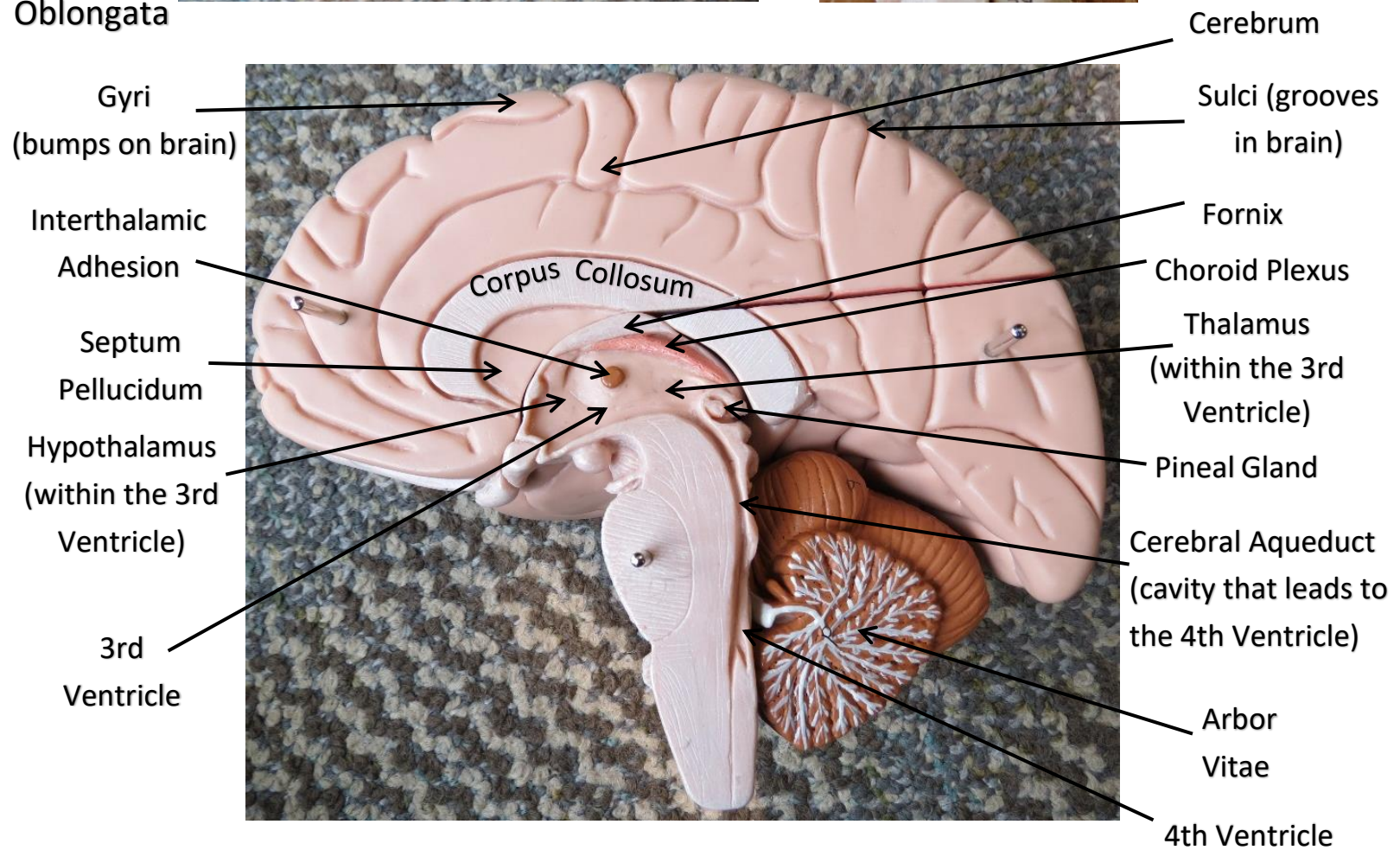
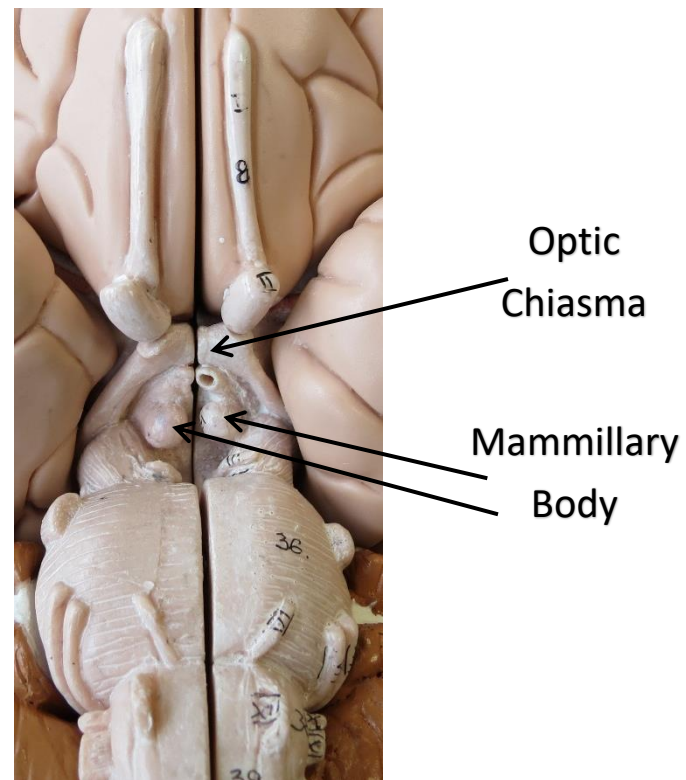
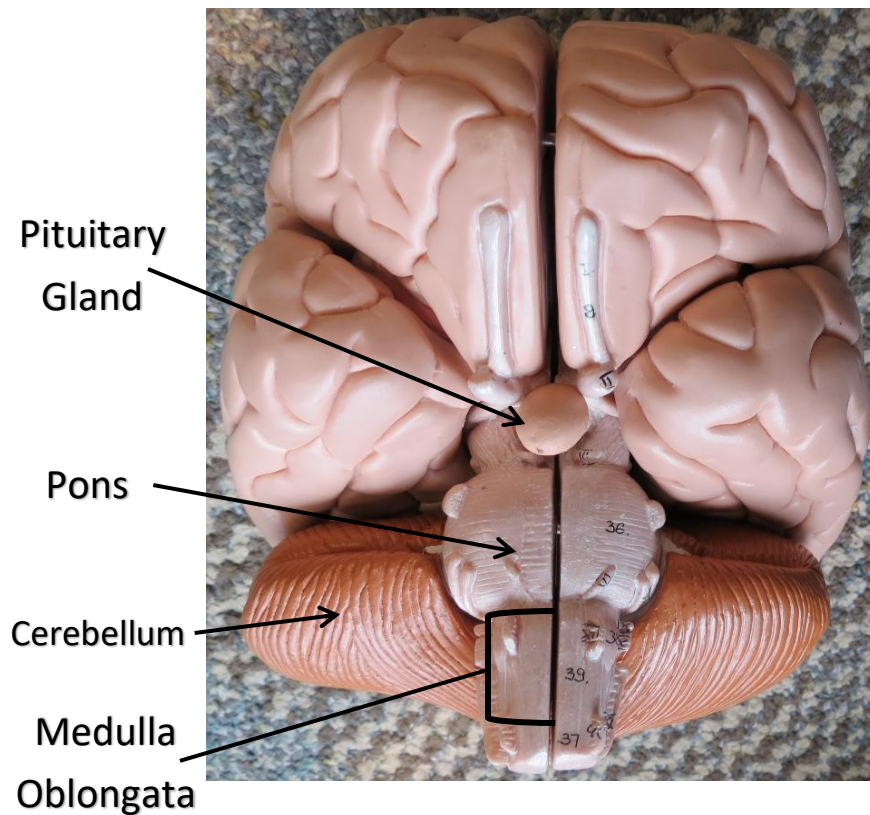


Occipital
Lobes

Parietal
Lobes

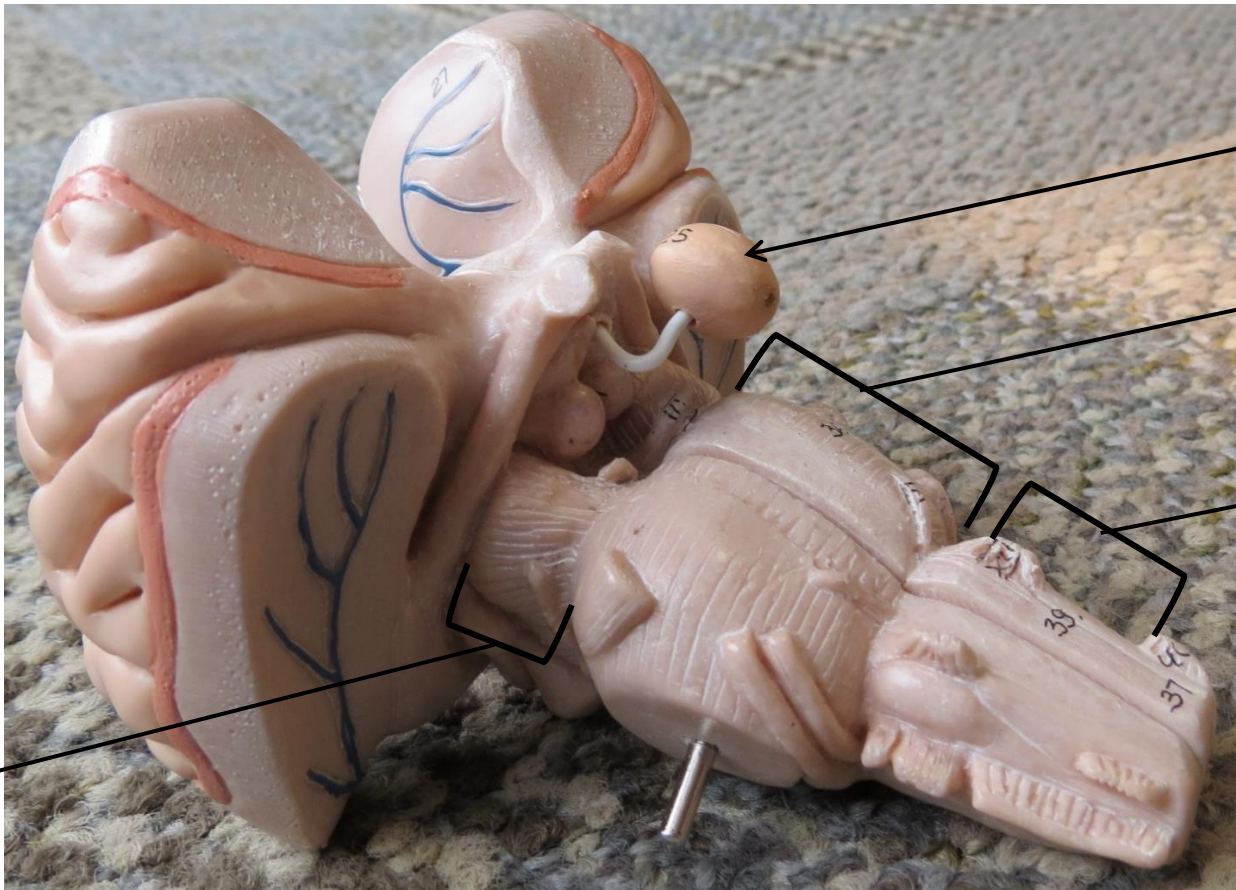


BRAIN MODEL



BRAIN MODEL

Brain Stem

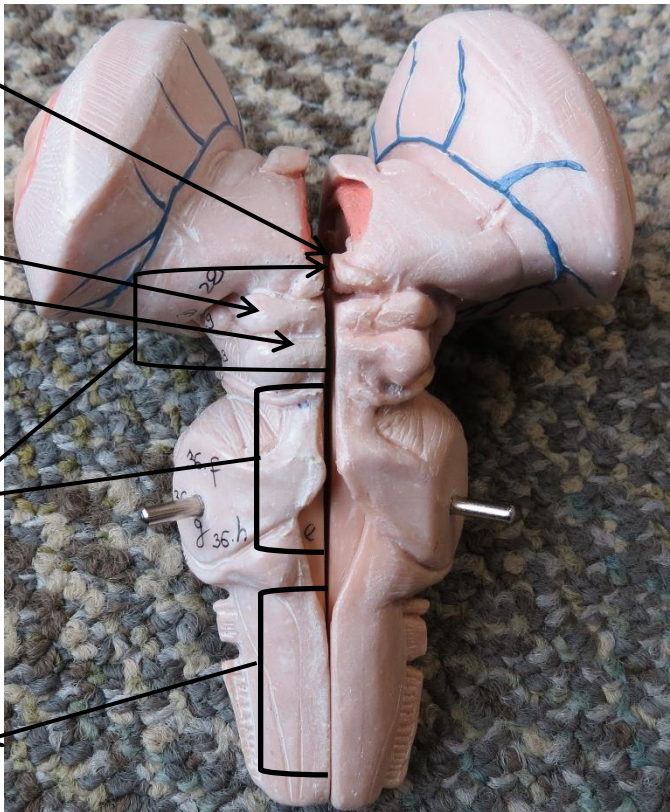


Pituitary Gland

Pons

Medulla Oblongata

Midbrain

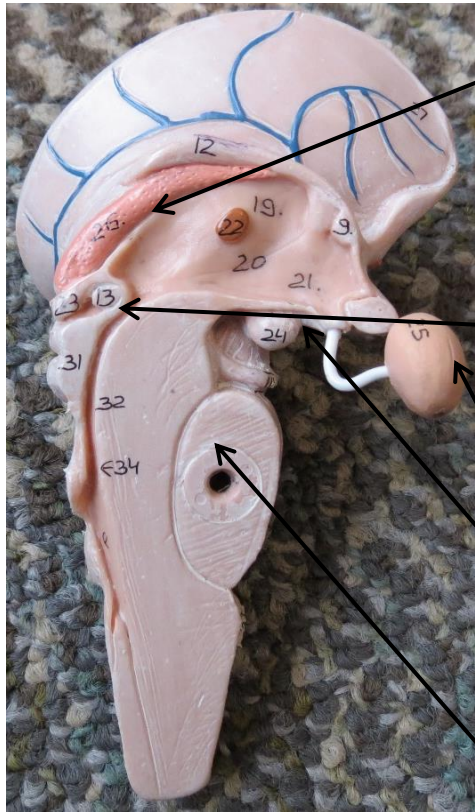


Midbrain

Corpora Quadrigemina
(located within the midbrain)

Pons

Medulla Oblongata



Choroid Plexus

Pineal Gland

Pituitary Gland

Mammillary Body

Pons

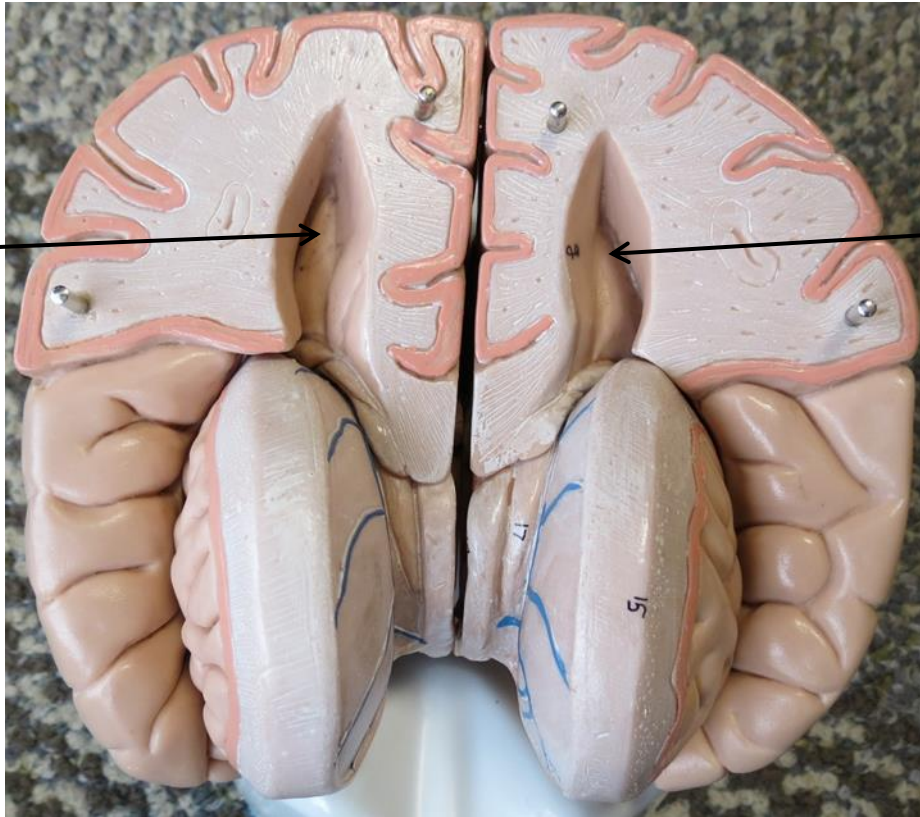
BRAIN MODEL

Right Hemisphere

Left Hemisphere

2nd Lateral
Ventricle

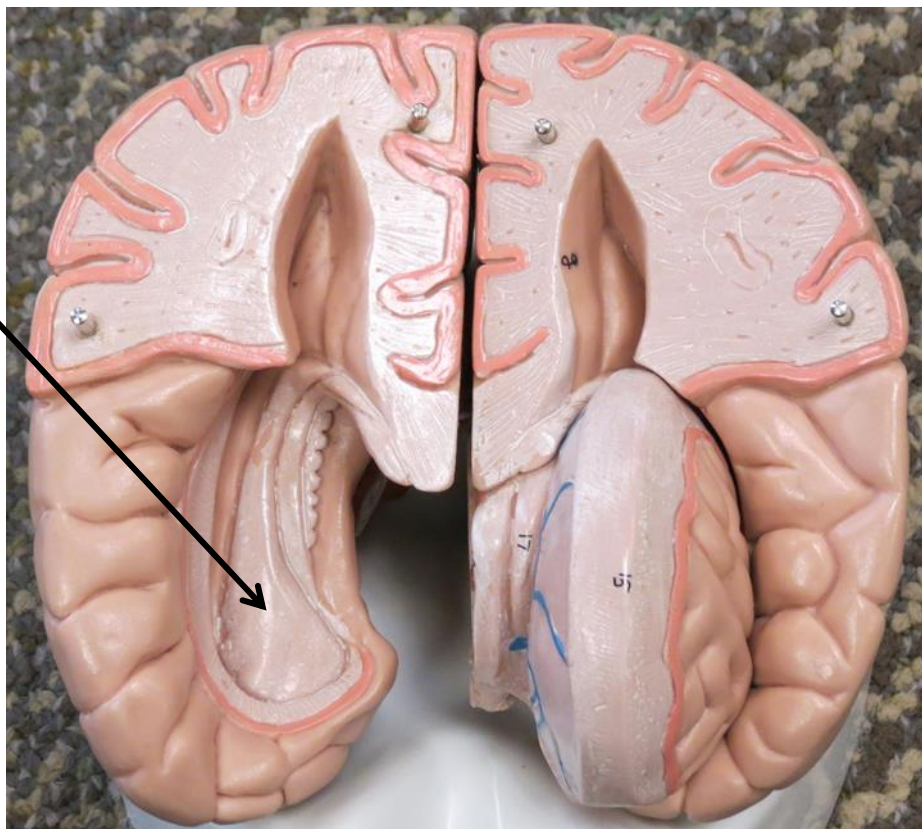
1st Lateral
Ventricle



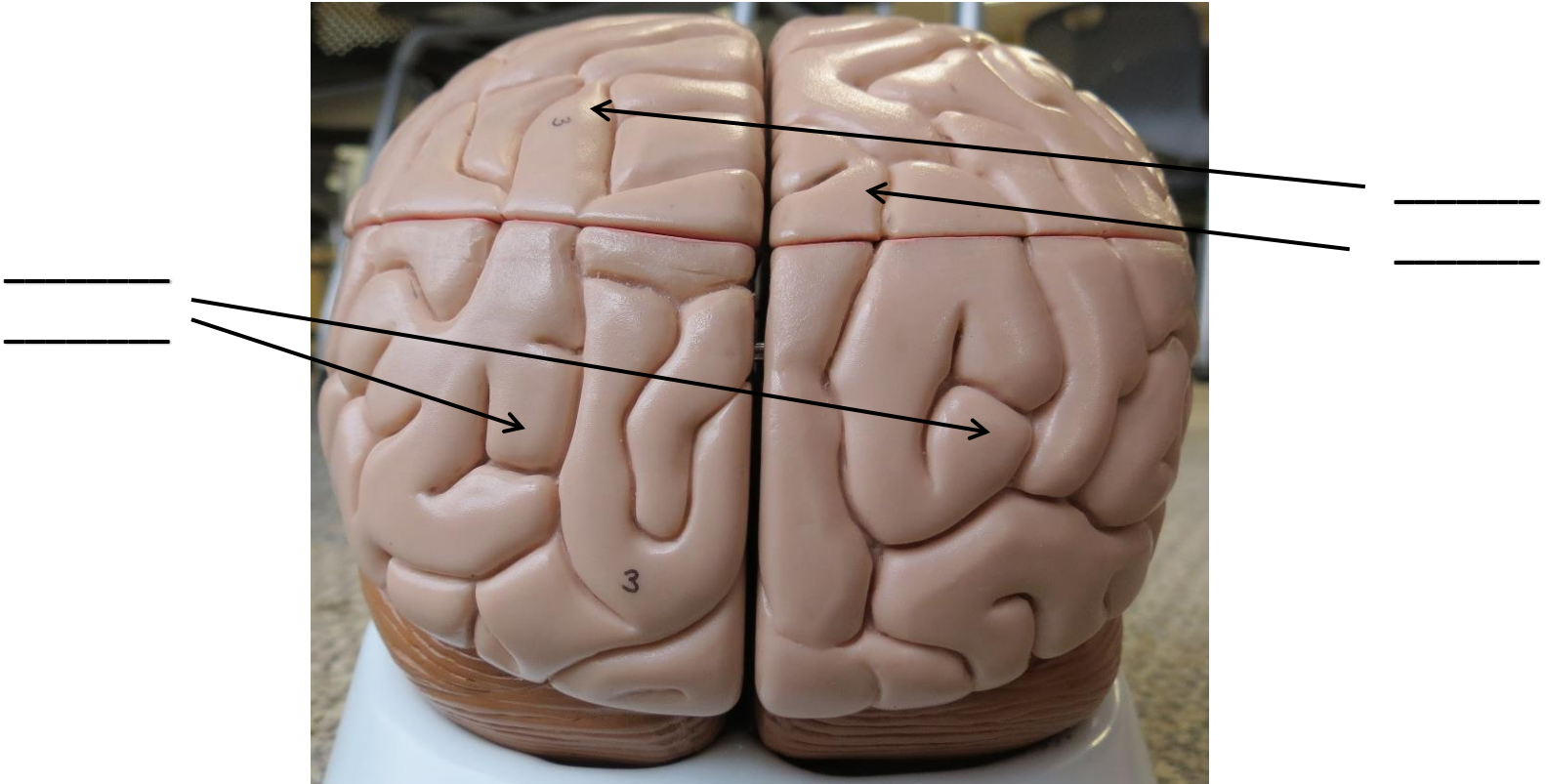
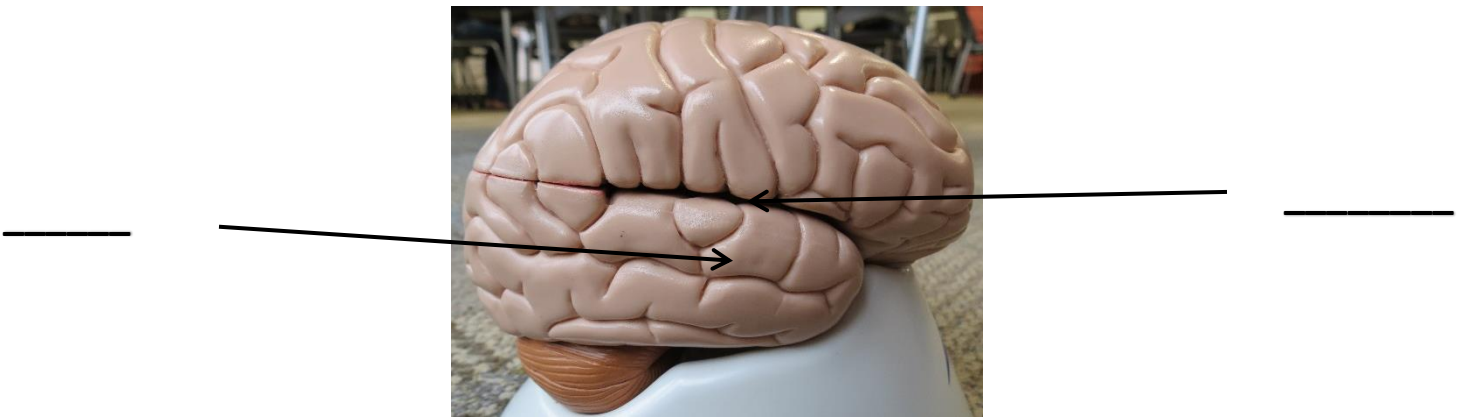
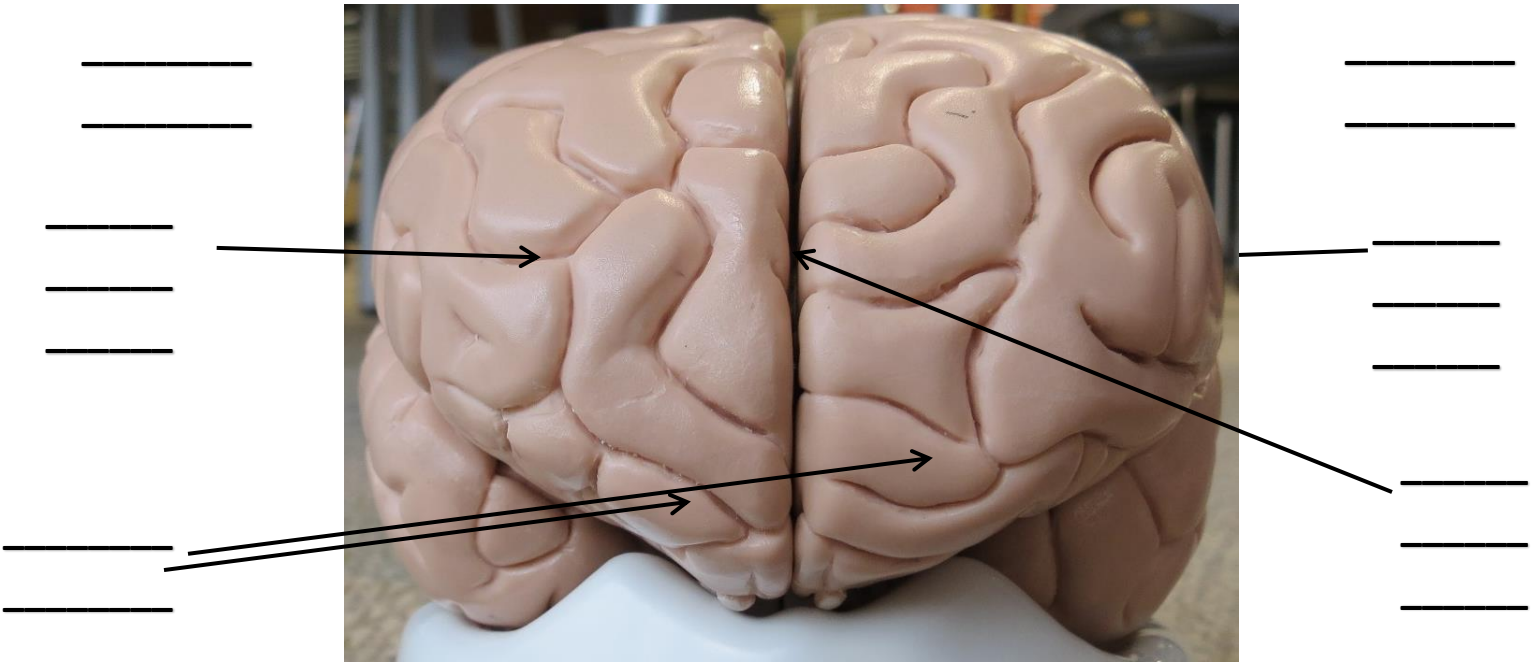
Right Hemisphere

Left Hemisphere

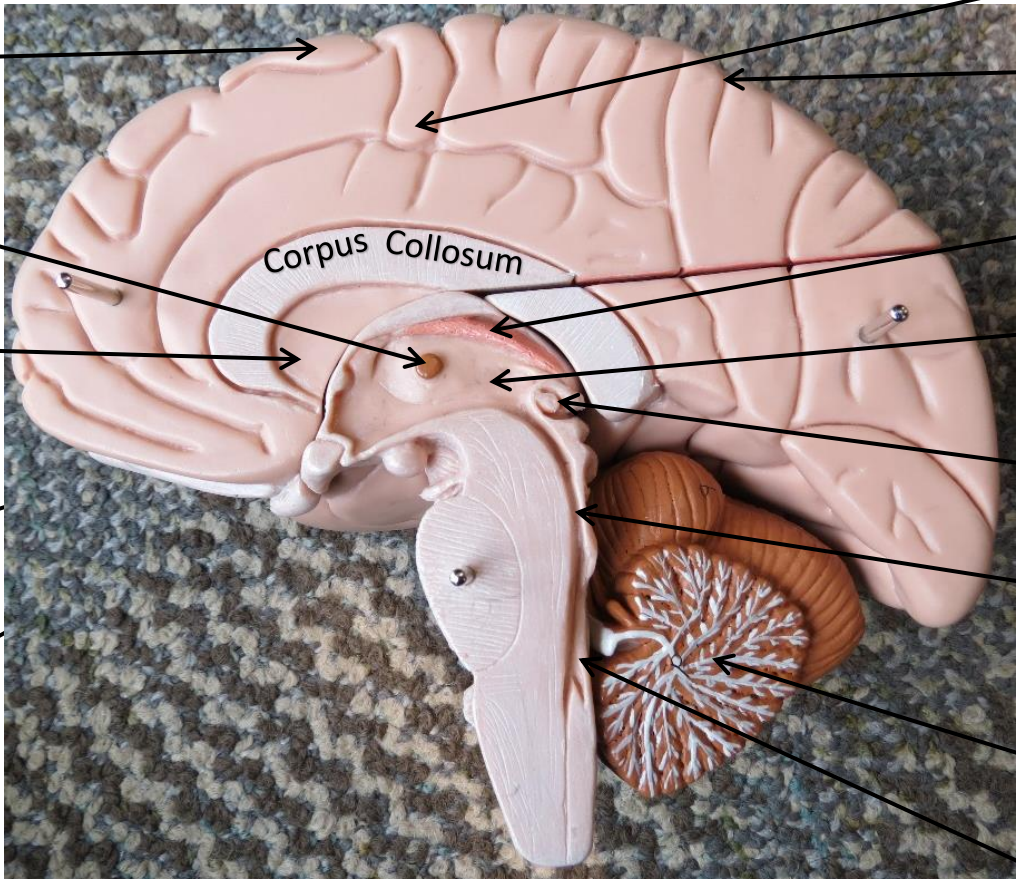
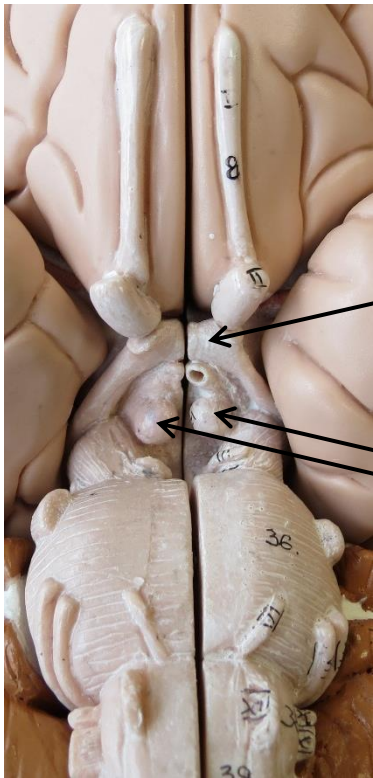
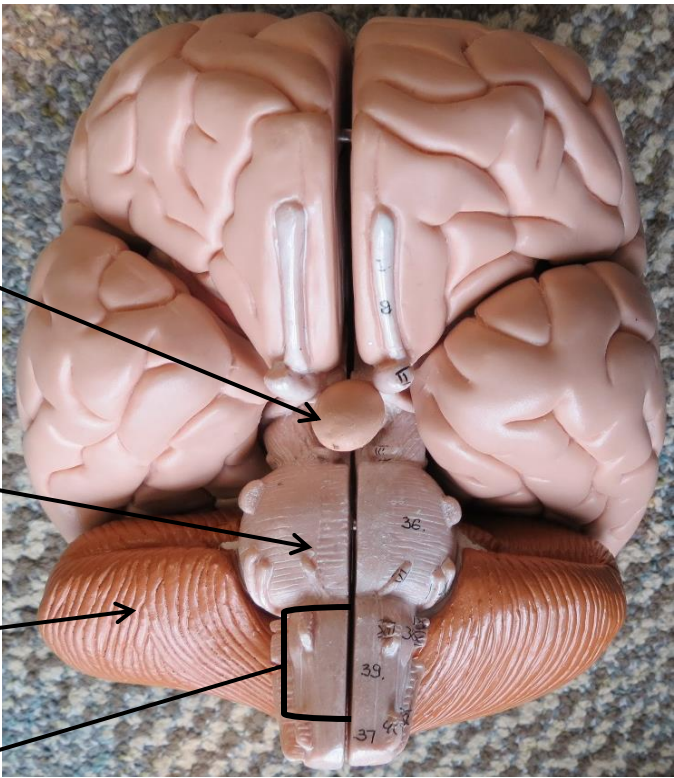
Hippocampus
(found on floor of
Lateral Ventricles)



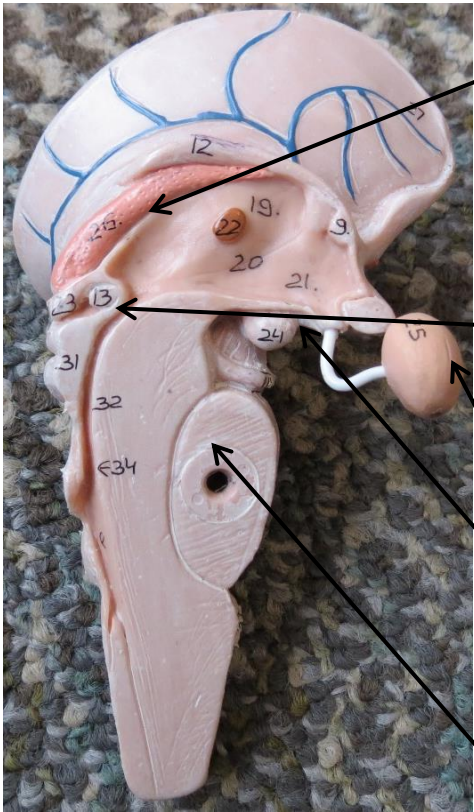
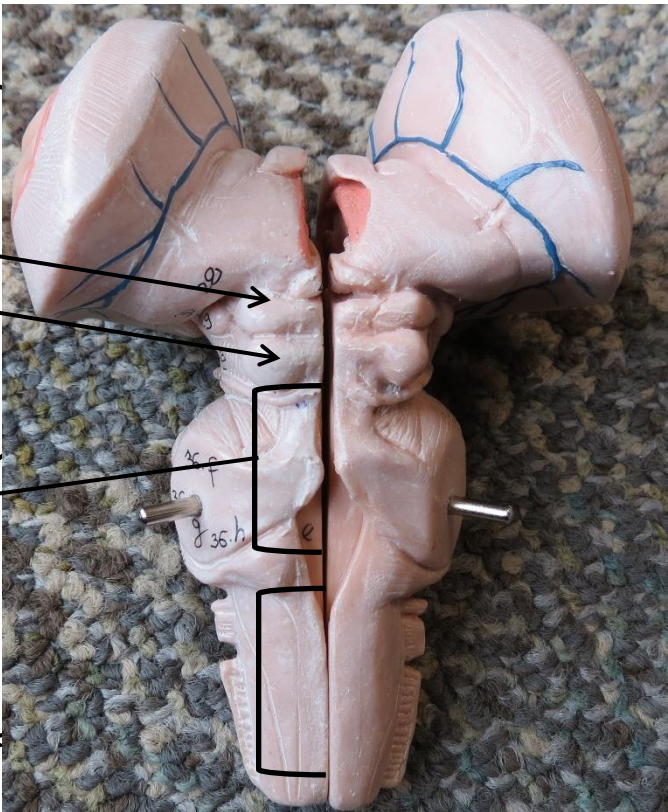
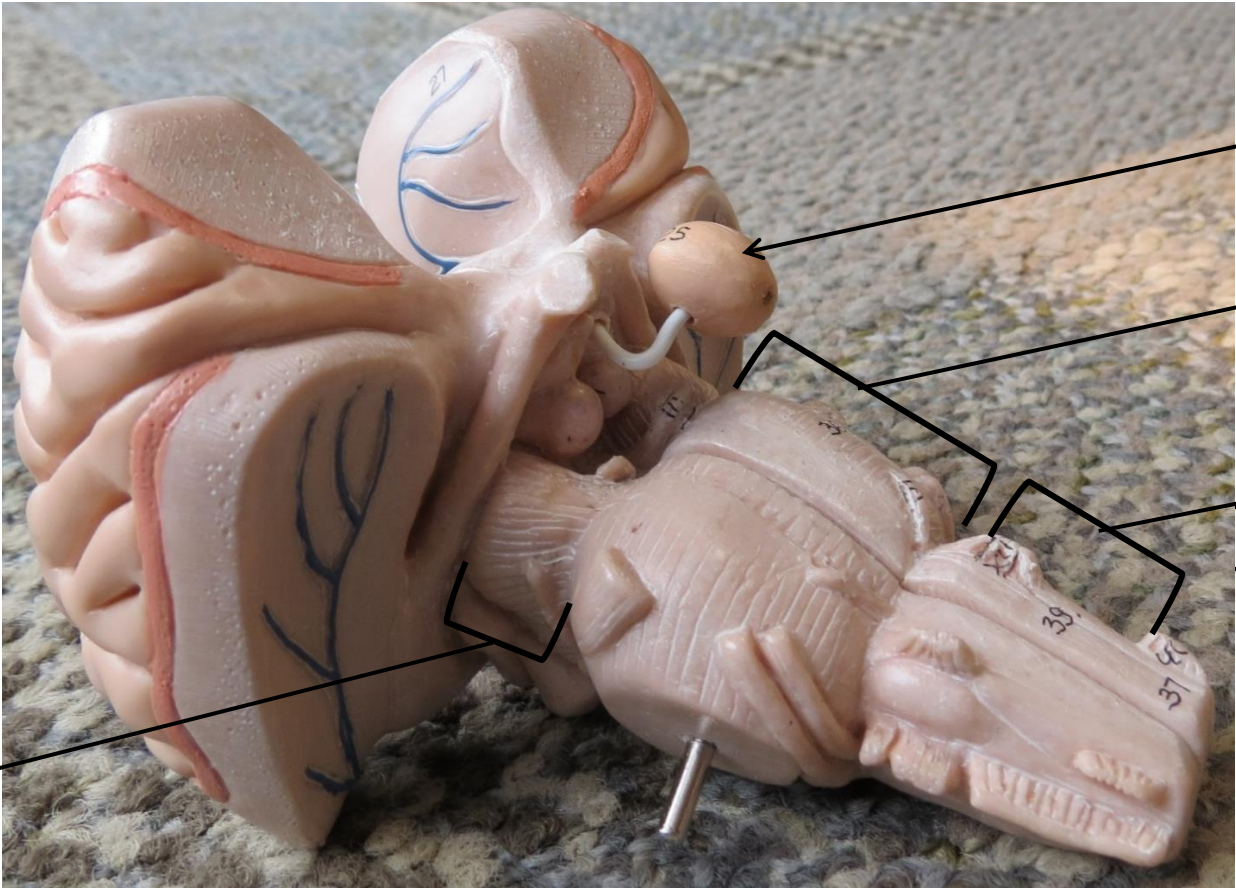
BRAIN MODEL



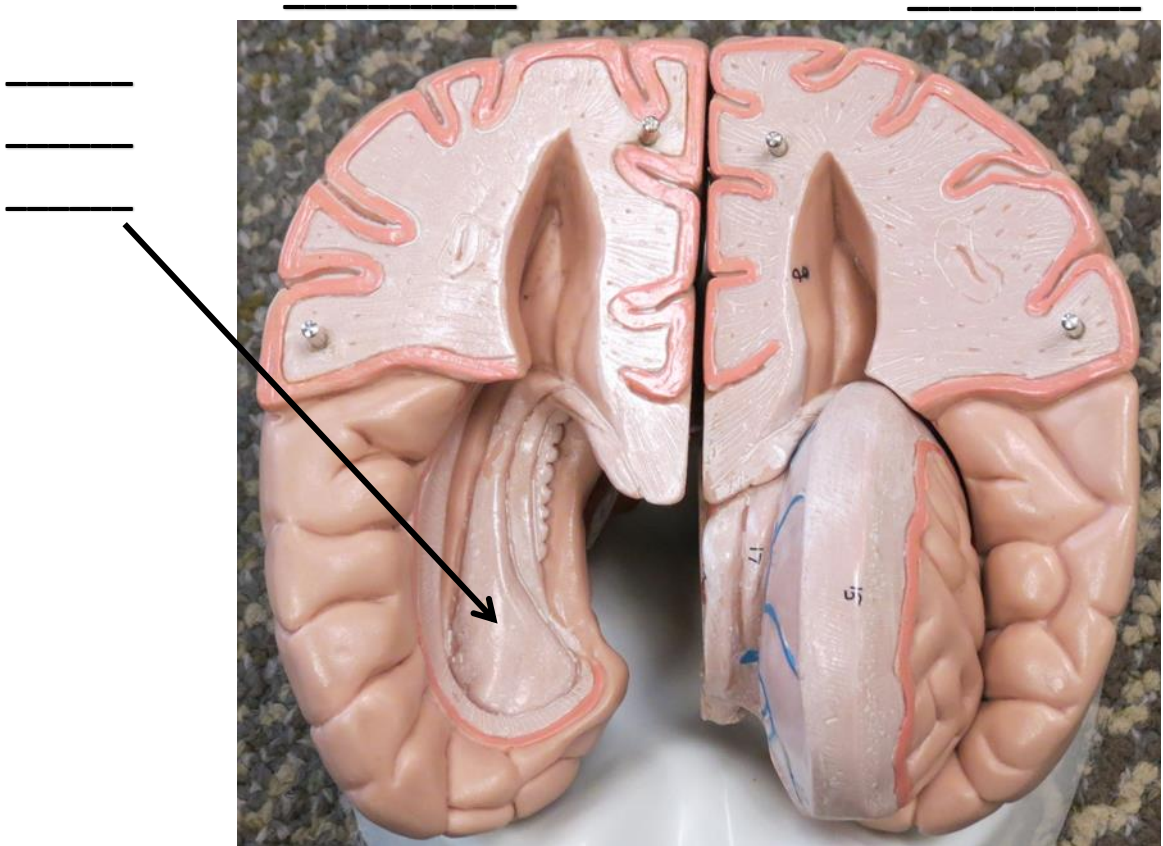
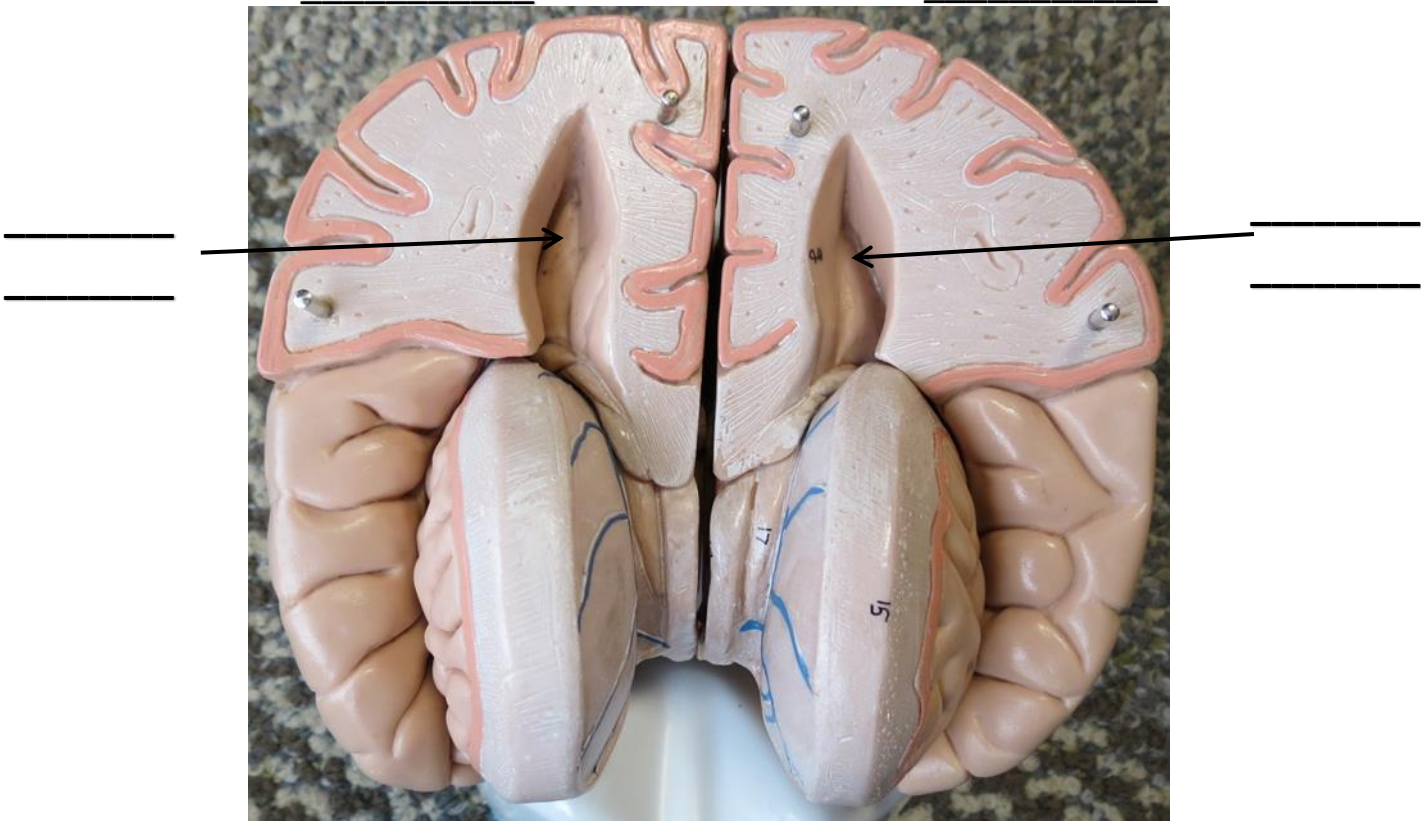
BRAIN MODEL



BRAIN MODEL



BRAIN MODEL



CRANIAL NERVES

Trigeminal

Trochlear

Oculomotor

Olfactory

Optic

Abducens

Hypoglossal

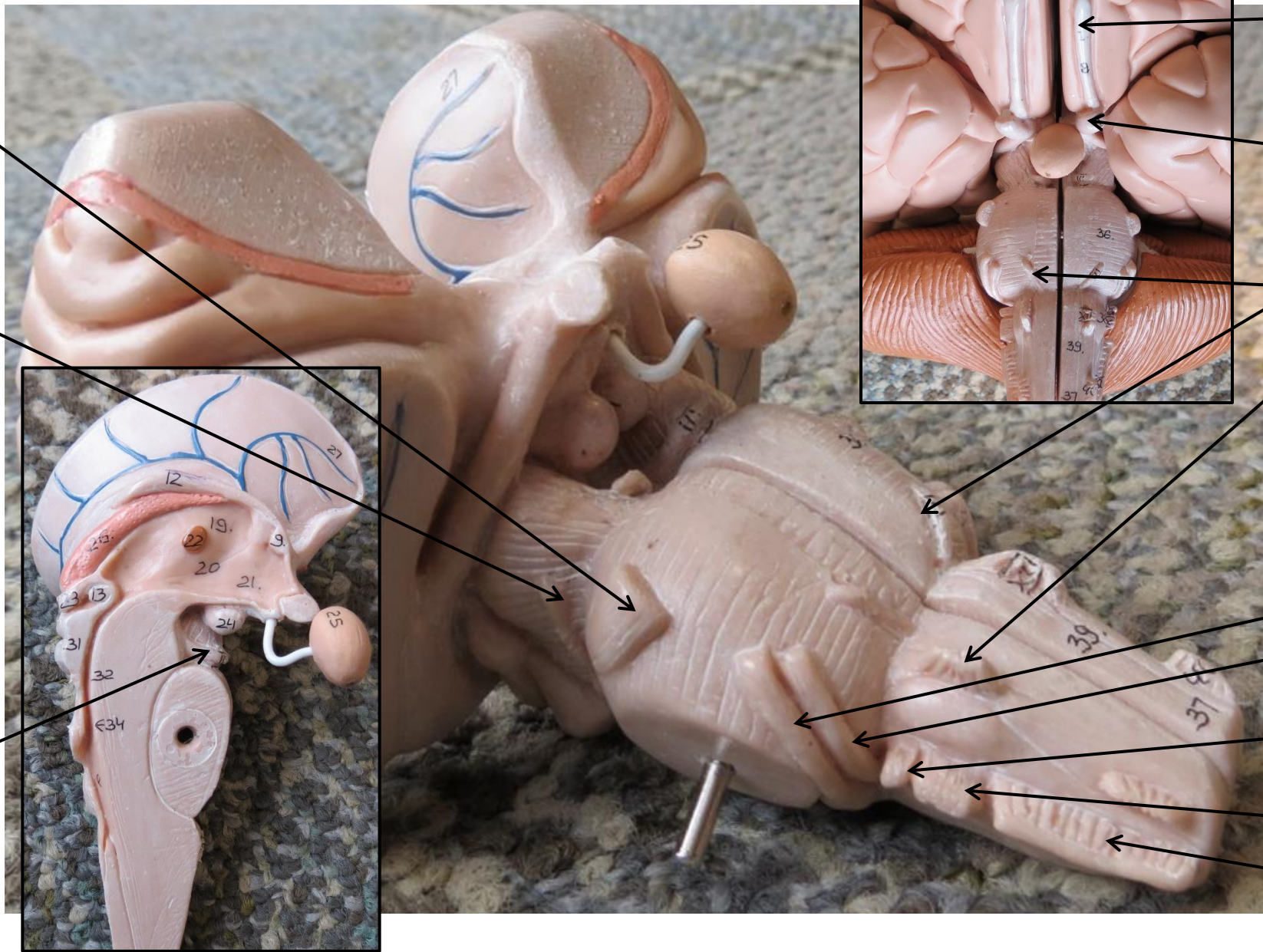
Vestibulo-cochlear

Facial

Glossopharyngeal

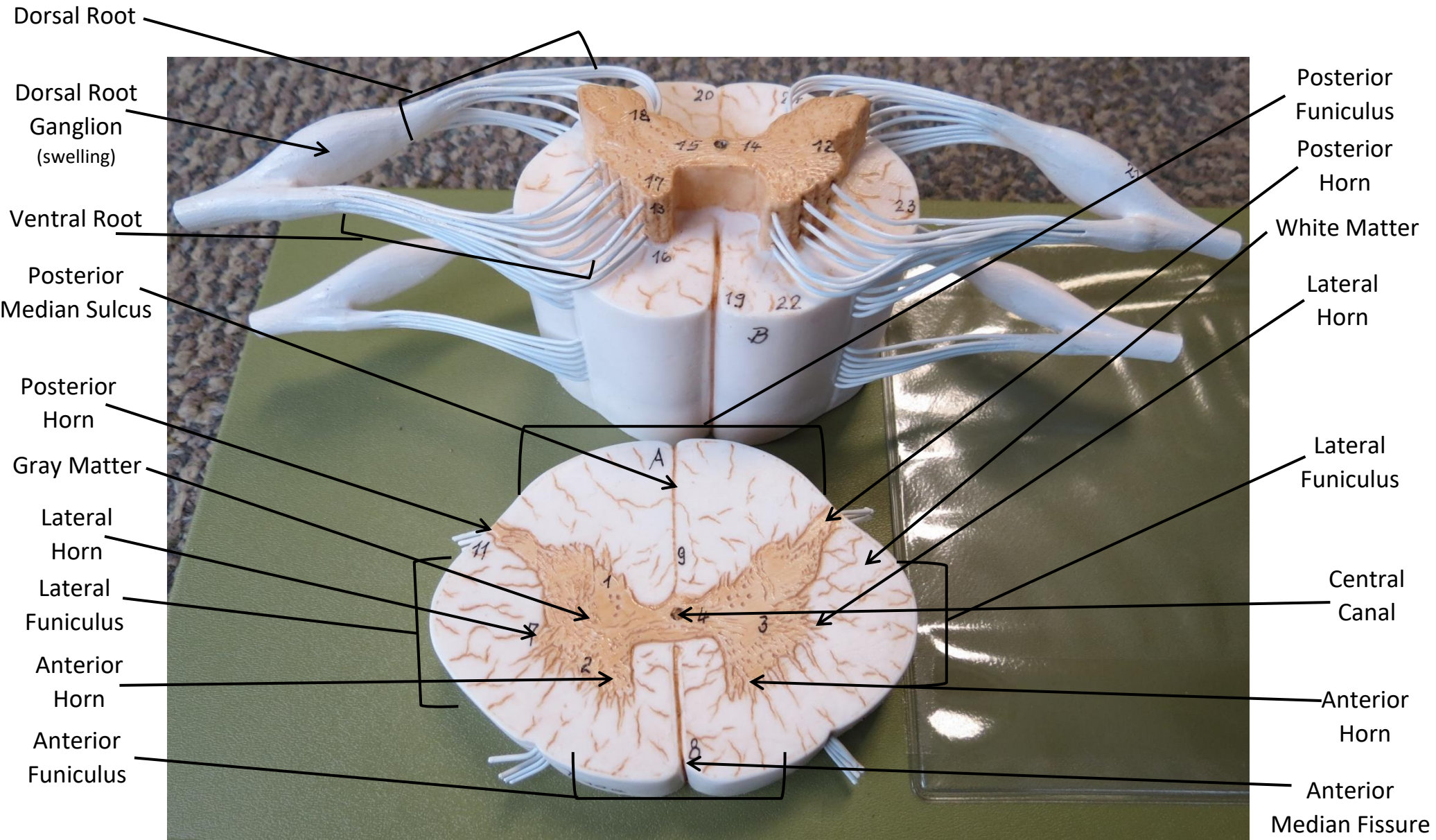
Vagus

Accessory

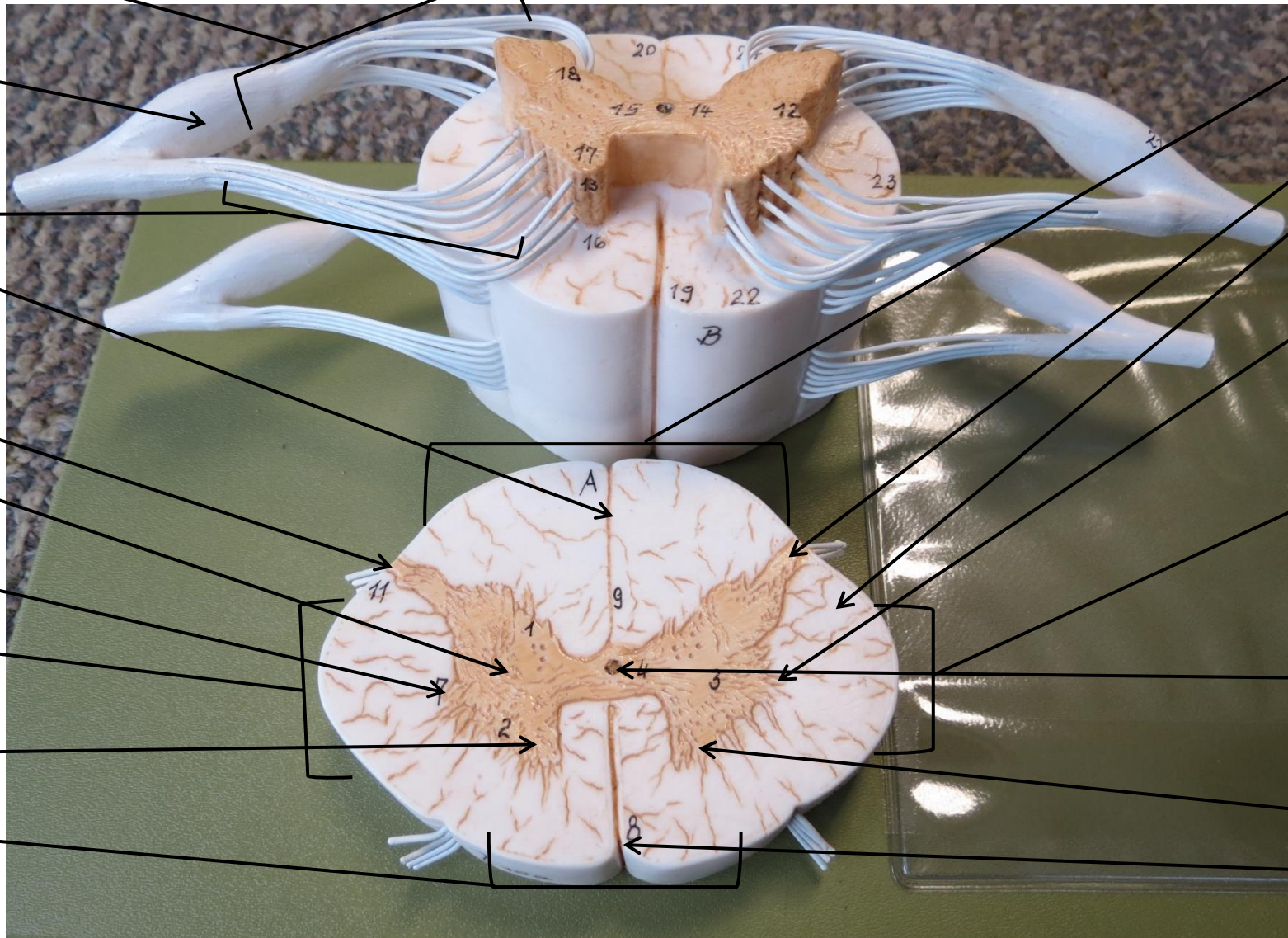




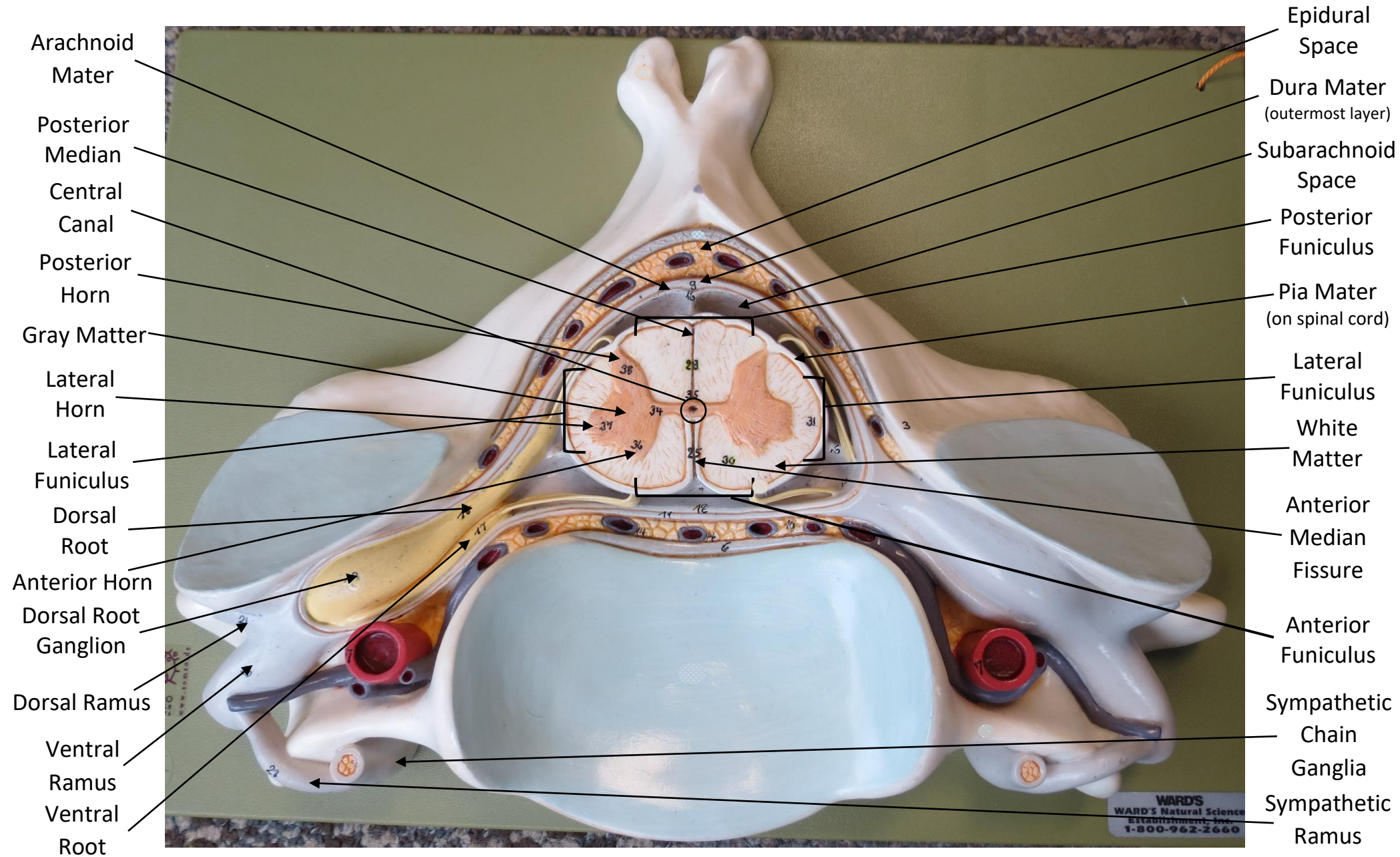
SPINAL CORD MODEL



SPINAL CORD MODEL



SPINAL CORD WITH VERTEBRAE MODEL



SPINAL CORD WITH VERTEBRAE MODEL

Arachnoid
Mater
(within dura mater)

Subarachnoid
Space

Pia Mater
(on spinal cord)

Dorsal Root

Ventral
Root

Dorsal Root
Ganglion

Dura Mater
(outermost layer)



Dorsal
Ramus

Ventral
Ramus

Sympathetic
Ramus

Sympathetic
Chain Ganglion

Dorsal
Ramus

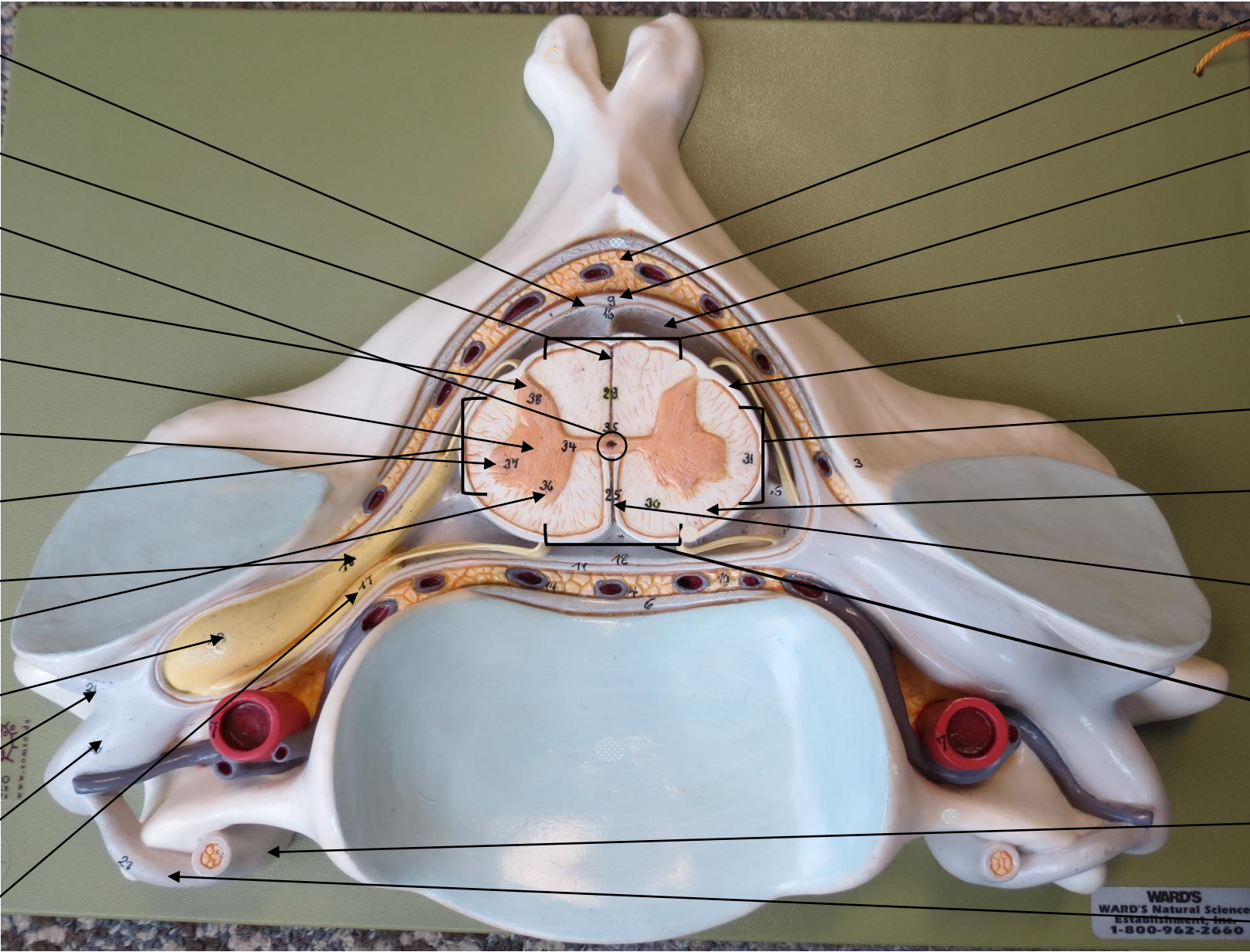
Ventral
Ramus

Sympathetic
Ramus

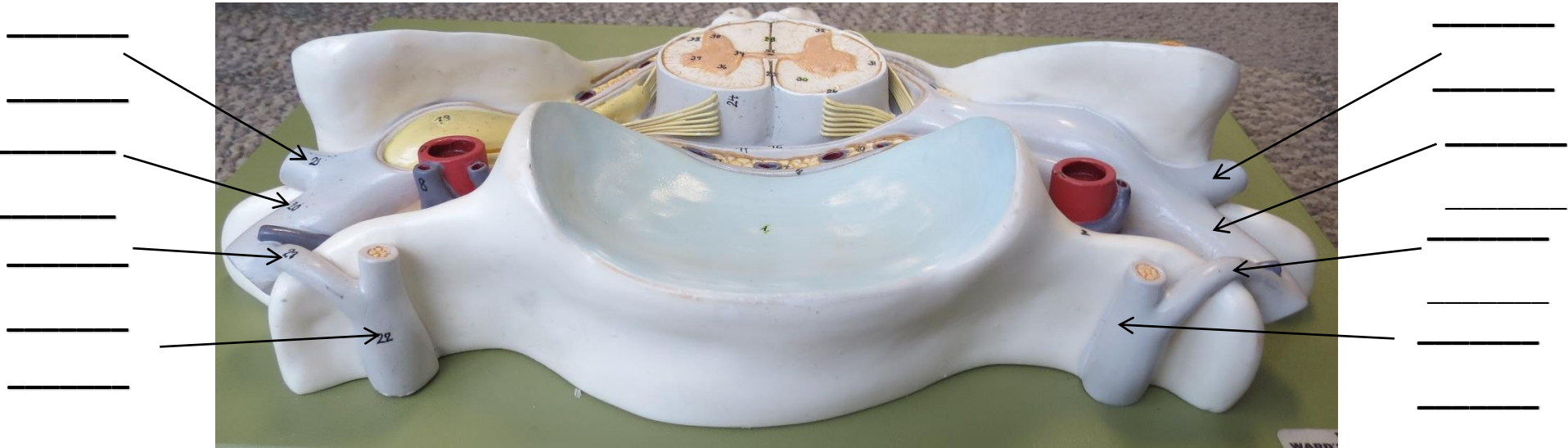
Sympathetic
Chain Ganglion



SPINAL CORD WITH VERTEBRAE MODEL

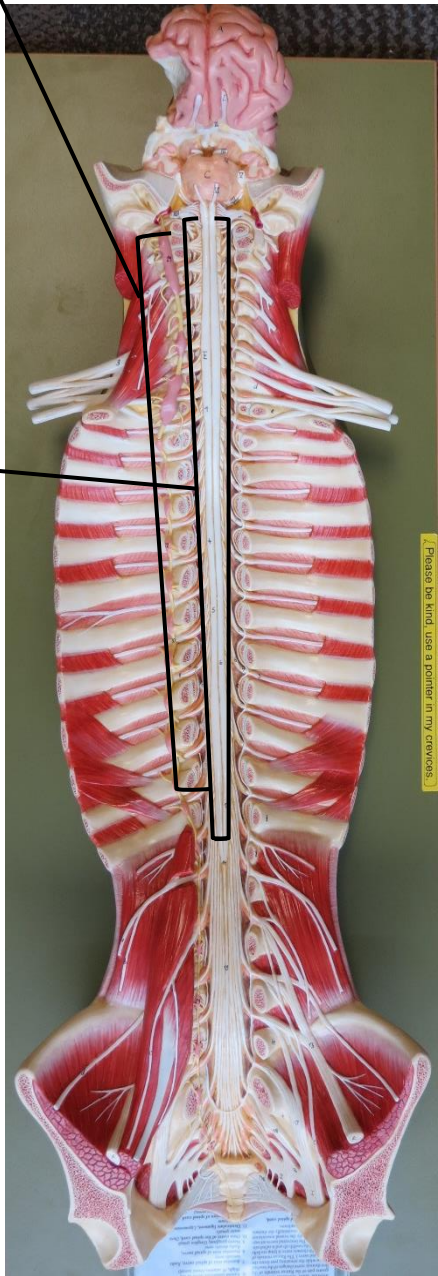


SPINAL CORD WITH VERTEBRAE MODEL

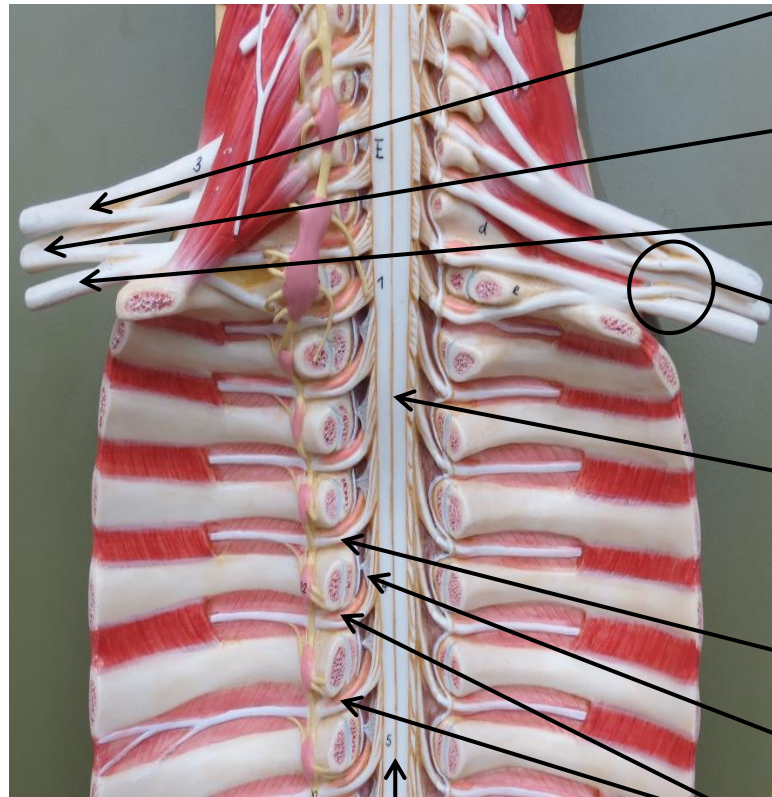


HUMAN VERTEBRAL COLUMN MODEL

Sympathetic
Chain
Ganglia



Spinal
Cord



Radial
Nerve

Median
Nerve

Ulnar
Nerve

Brachial
Plexus

Anterior
Median Fissure
(groove in
middle of spinal
cord)

Ventral
Root

Dorsal Root

Dorsal Root
Ganglion

Spinal
Cord



Cauda
Equina
(frayed part)

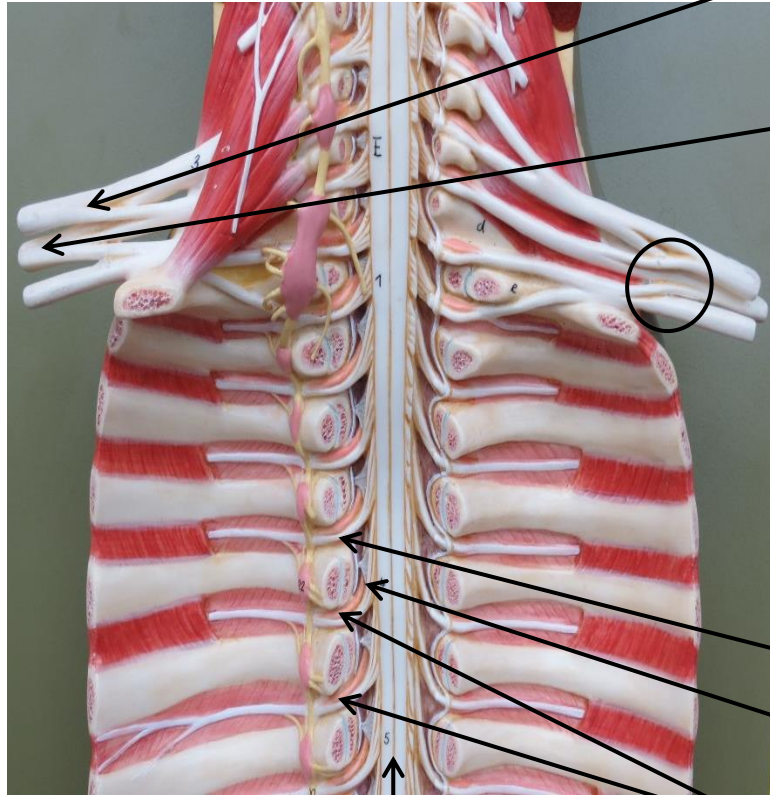
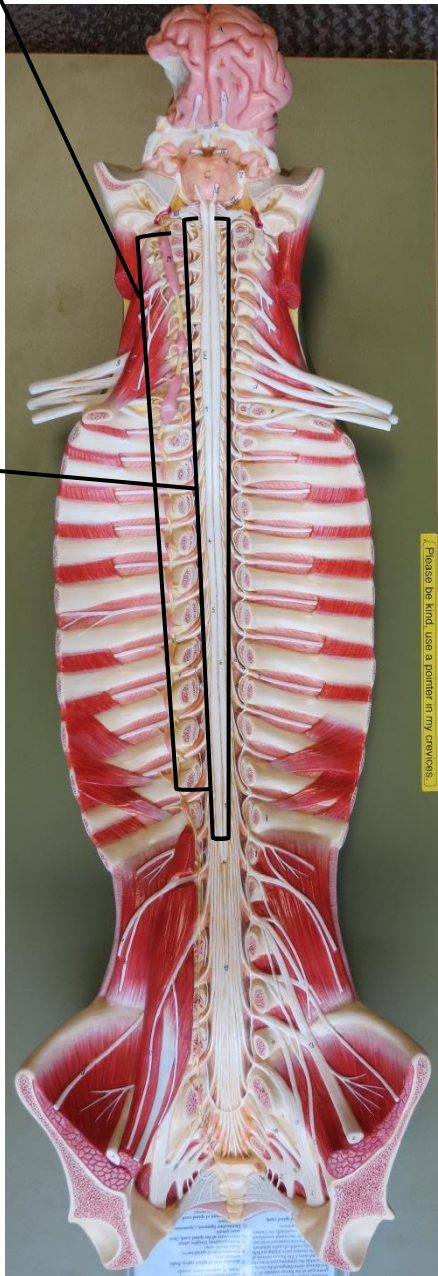
Lumbar
Plexus

Femoral
Nerve

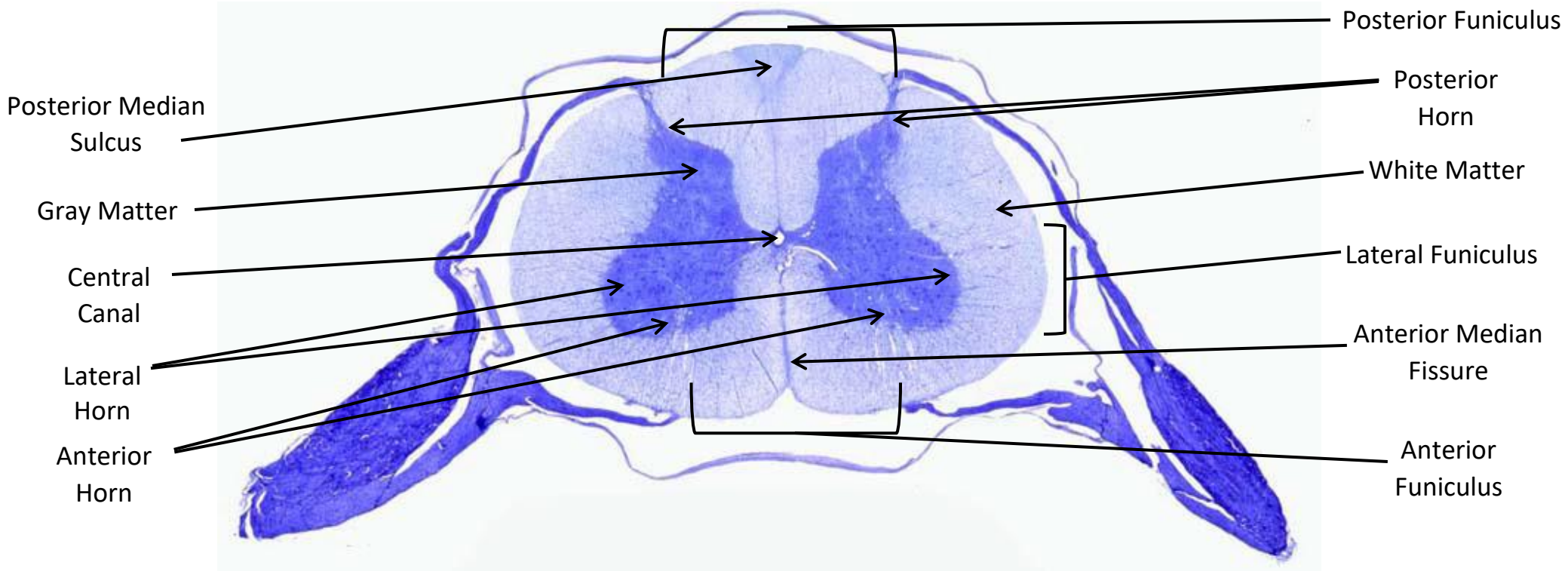
Sacral
Plexus

Sciatic
Nerve

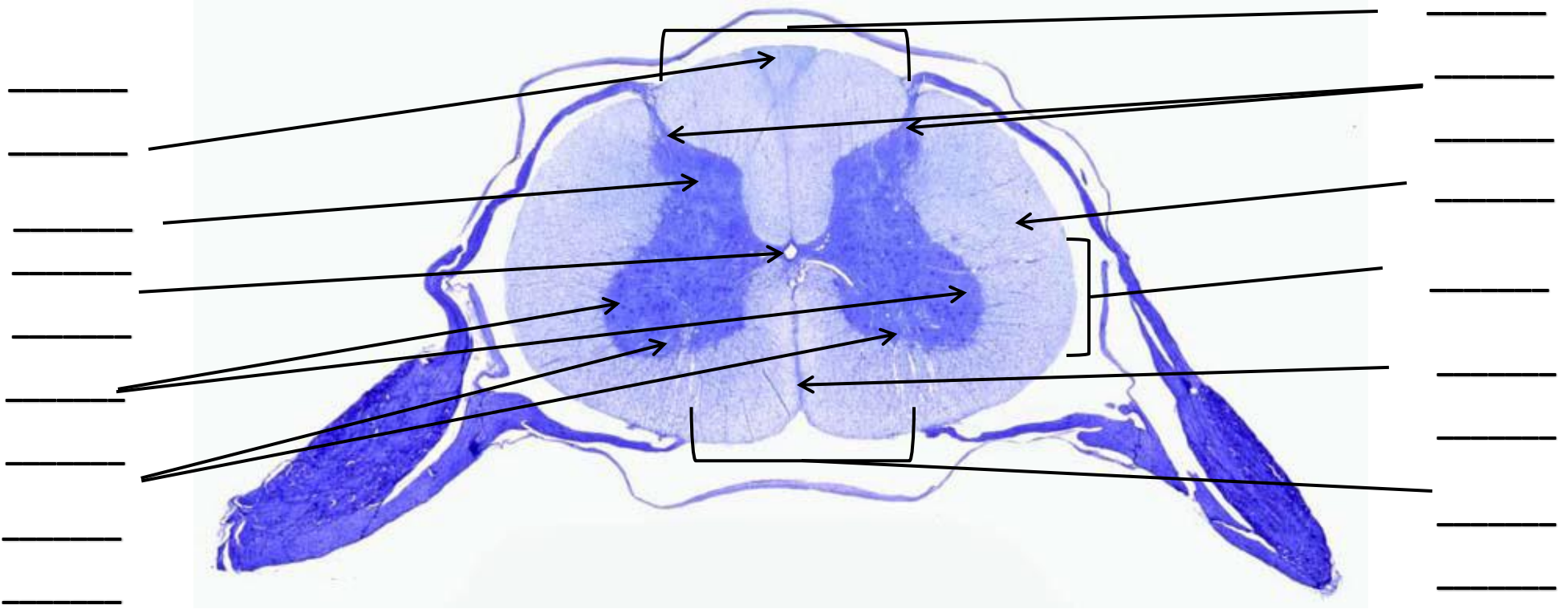
HUMAN VERTEBRAL COLUMN MODEL



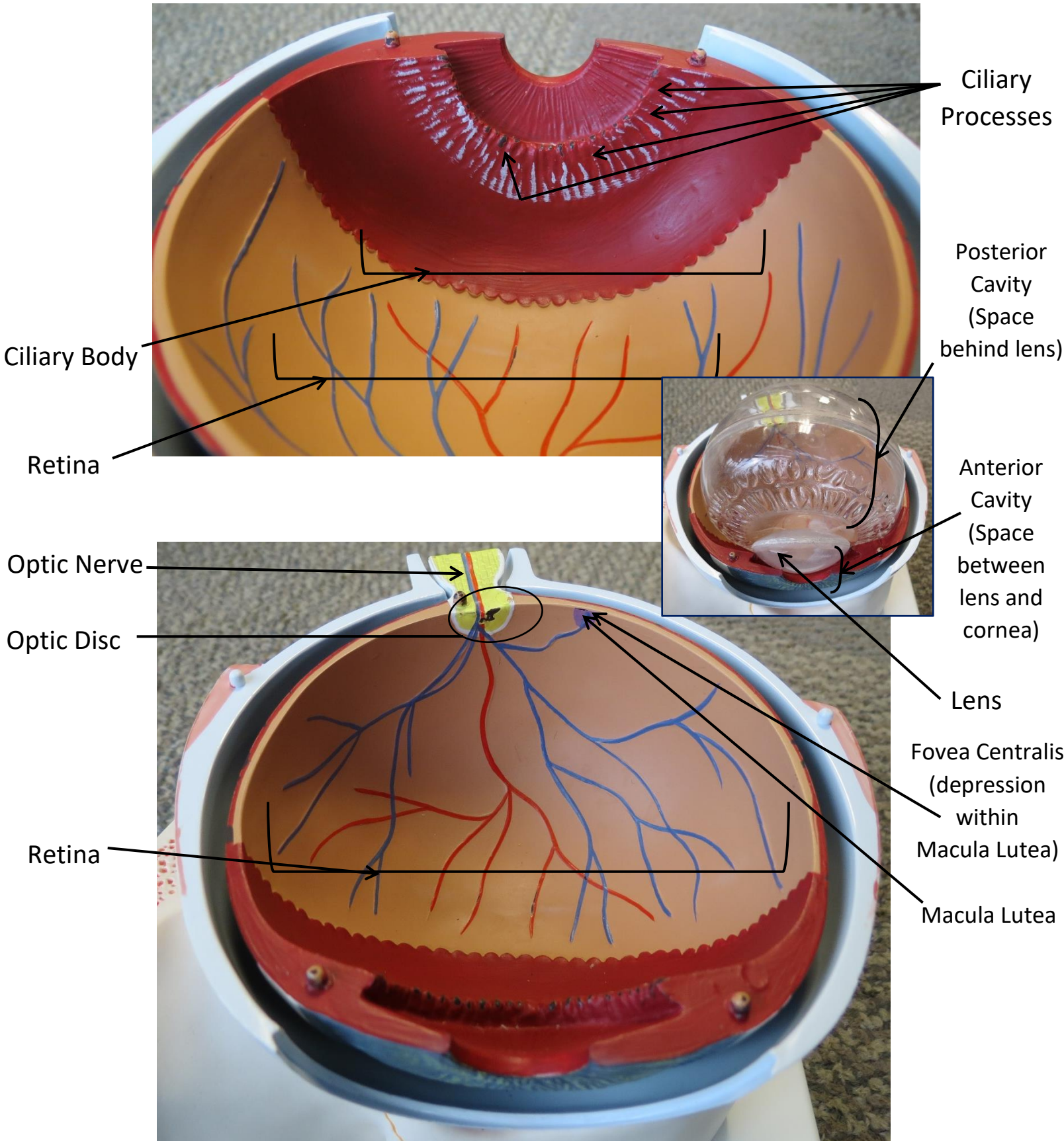
SPINAL CORD SLIDE



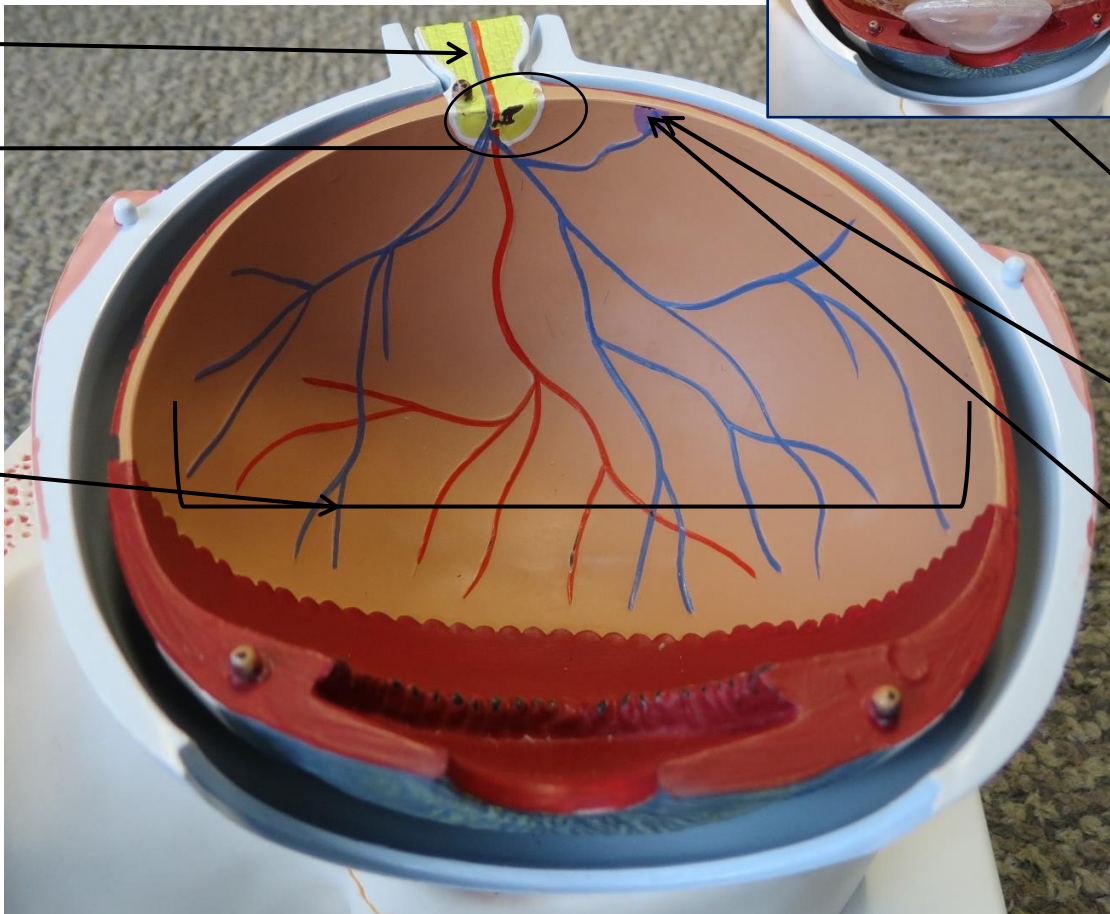
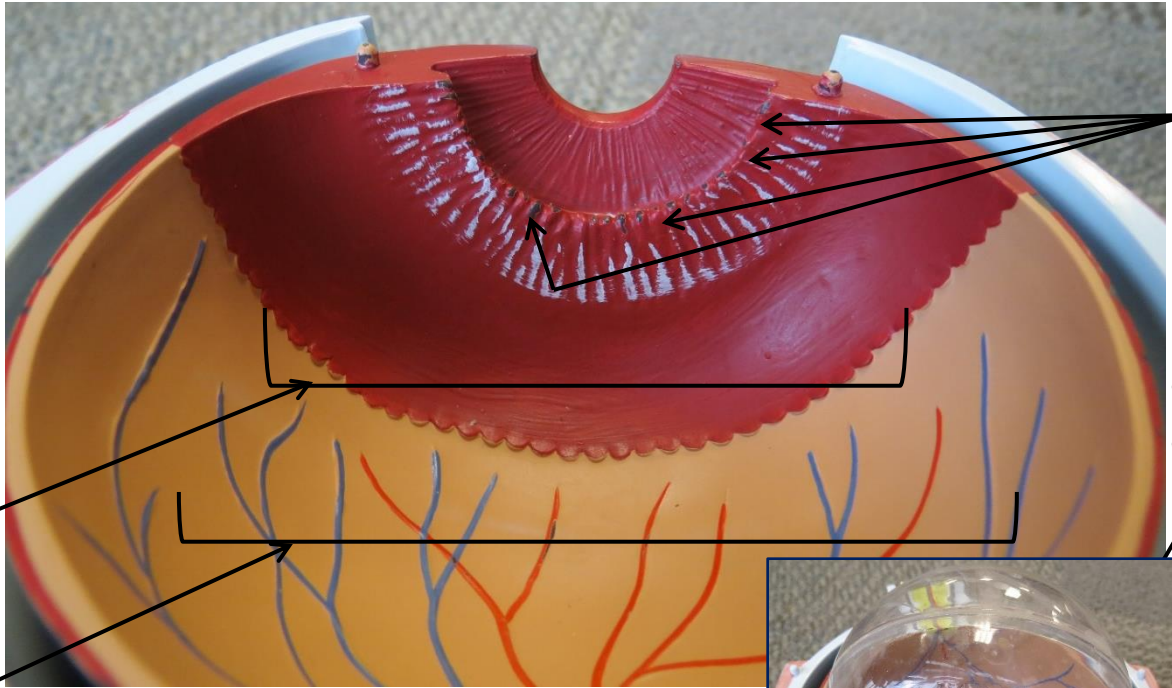
This image is a blue-stained histological section of a turtle brain, viewed from above. The brain is centrally located, with the cerebral hemispheres at the top and the cerebellum at the bottom. The brainstem is visible in the middle. Several black arrows and brackets point to specific anatomical features, likely corresponding to the labels in the adjacent table. The arrows point to the cerebral hemispheres, the cerebellum, the brainstem, and the optic nerves. The brackets indicate the location of the cerebral hemispheres and the cerebellum.



EYE MODEL



EYE MODEL

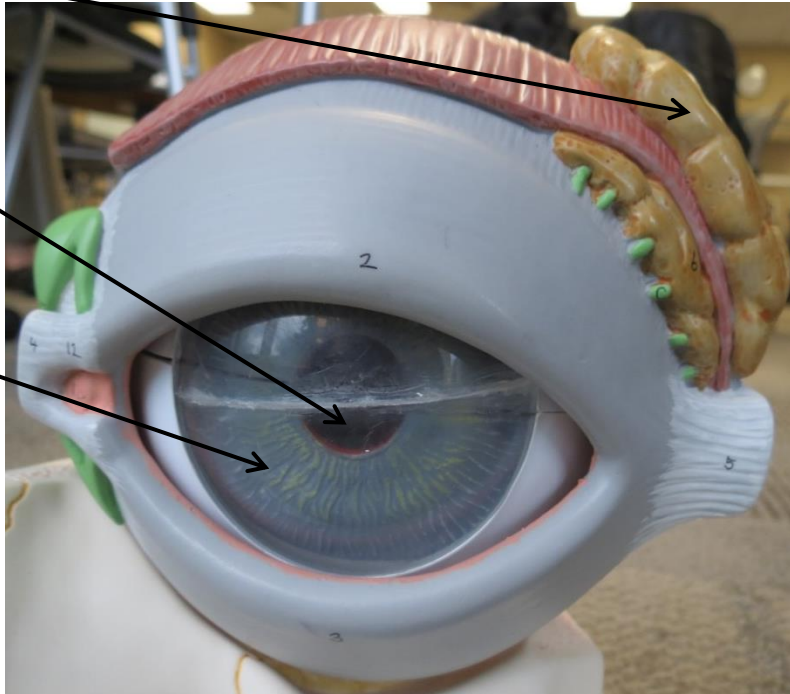


EYE MODEL

Lacrimal Gland

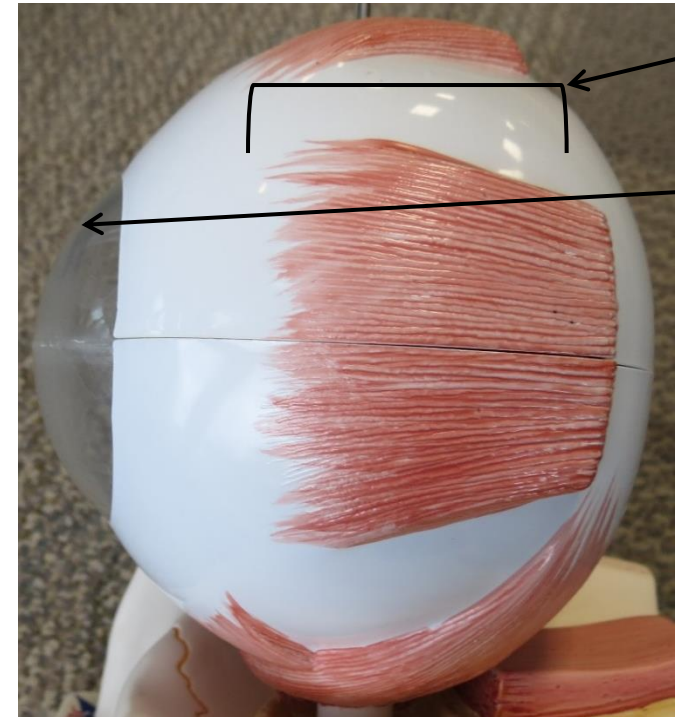
Pupil (hole
in middle of
eye)

Iris (color
portion of eye)

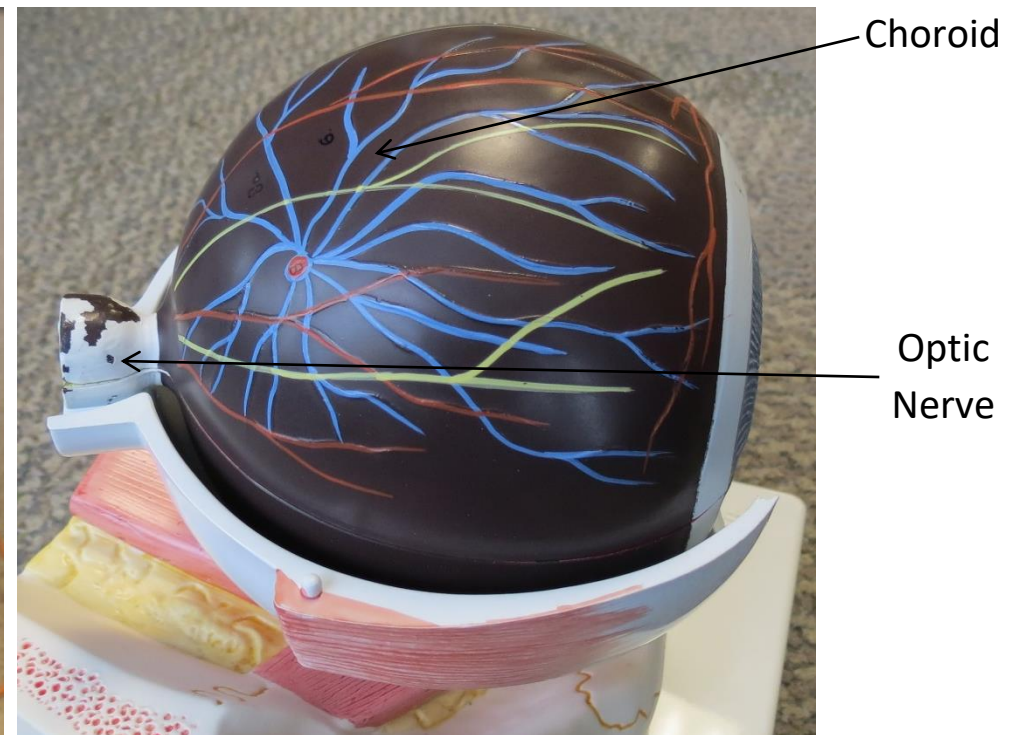
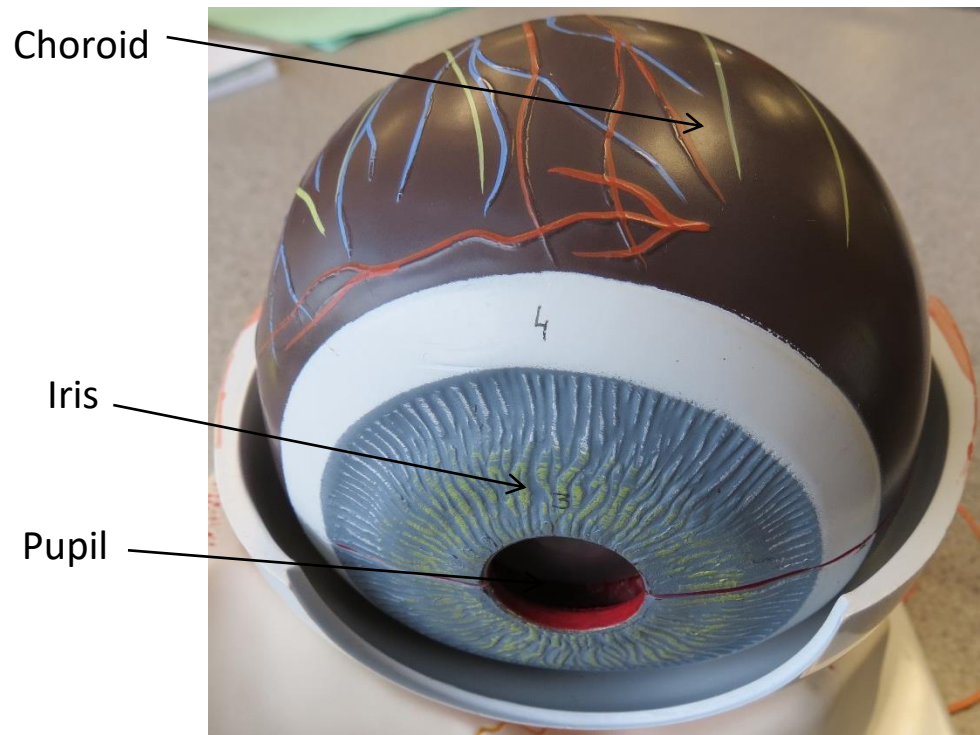


Sclera

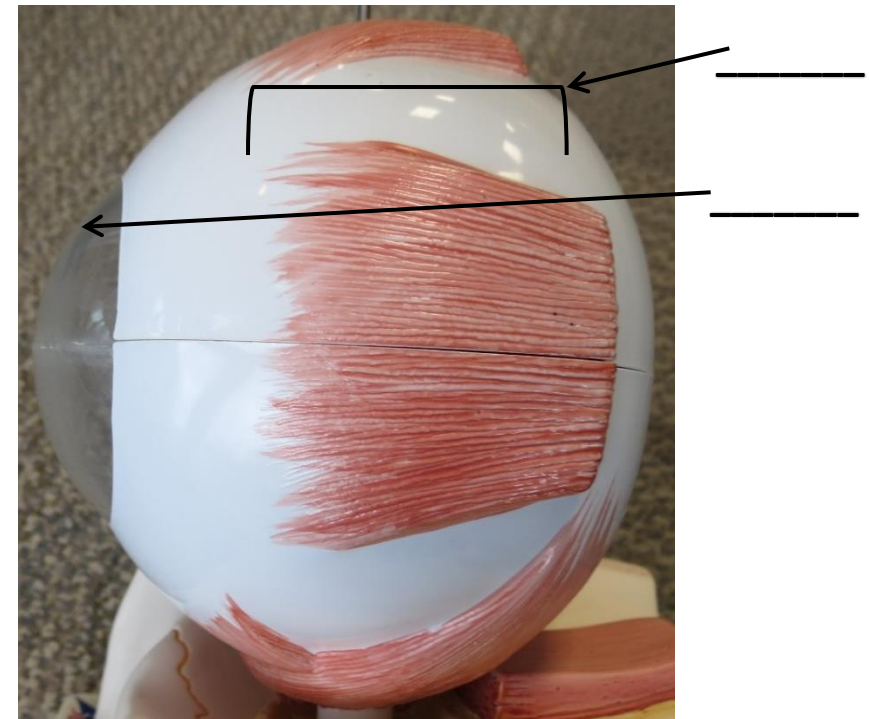
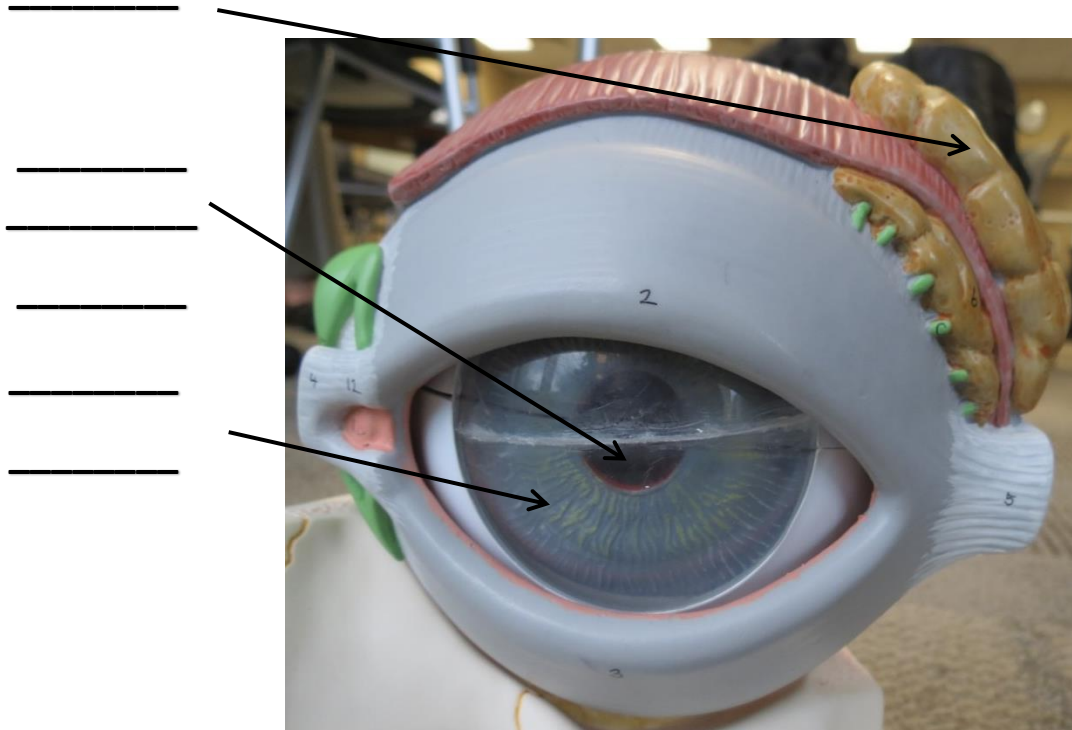
Cornea



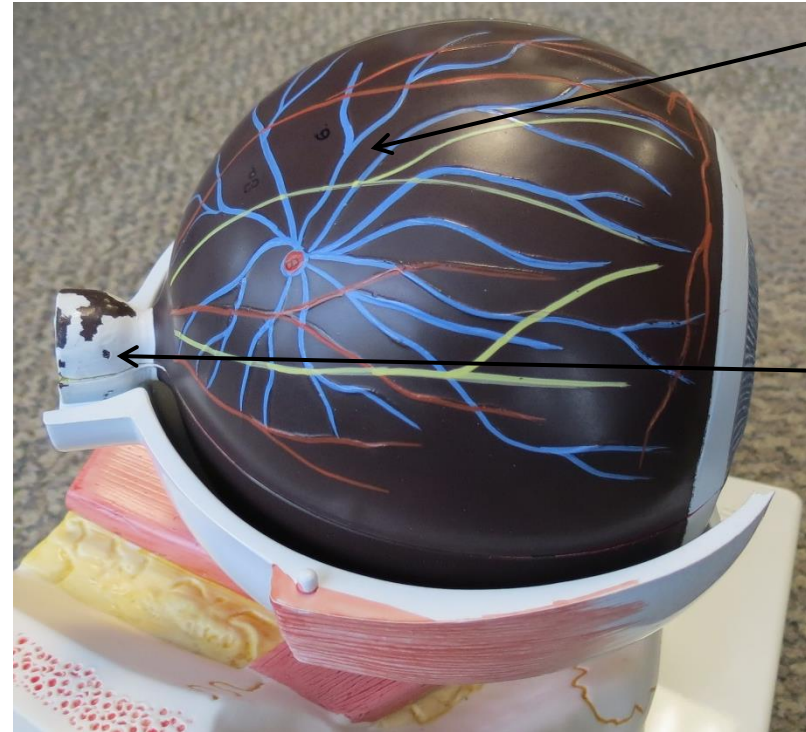
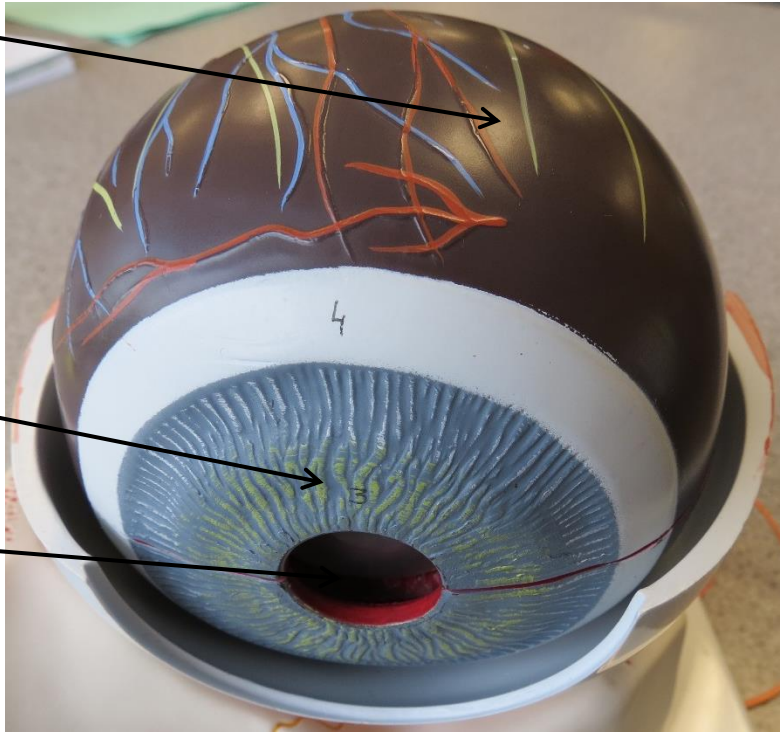
EYE MODEL



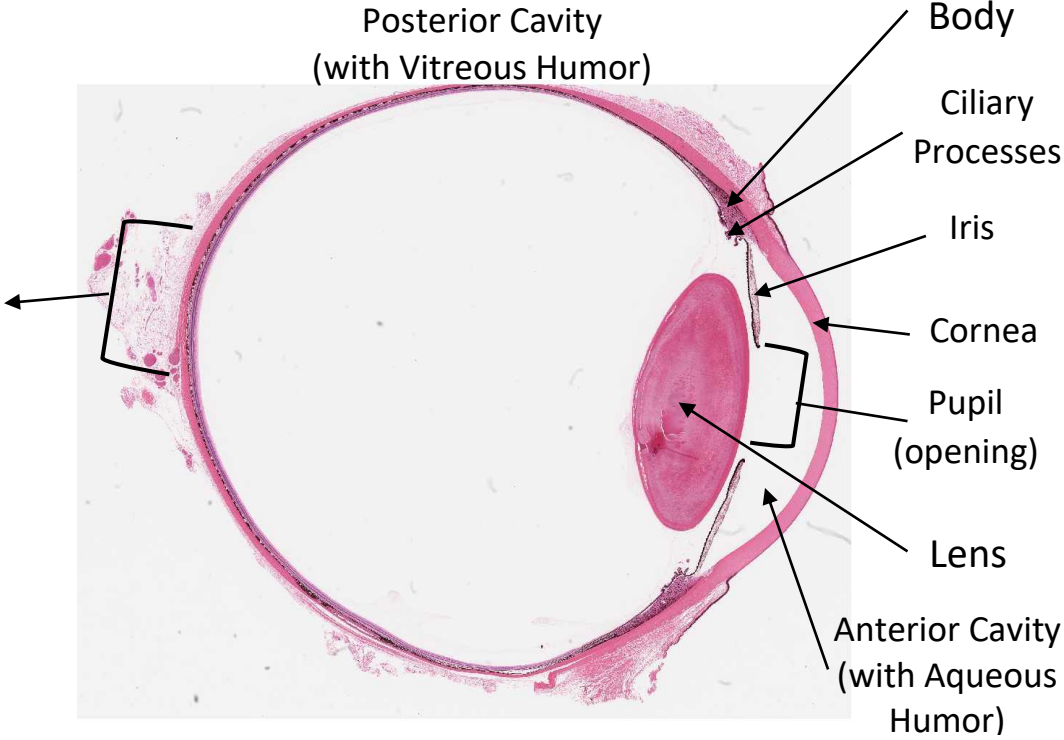
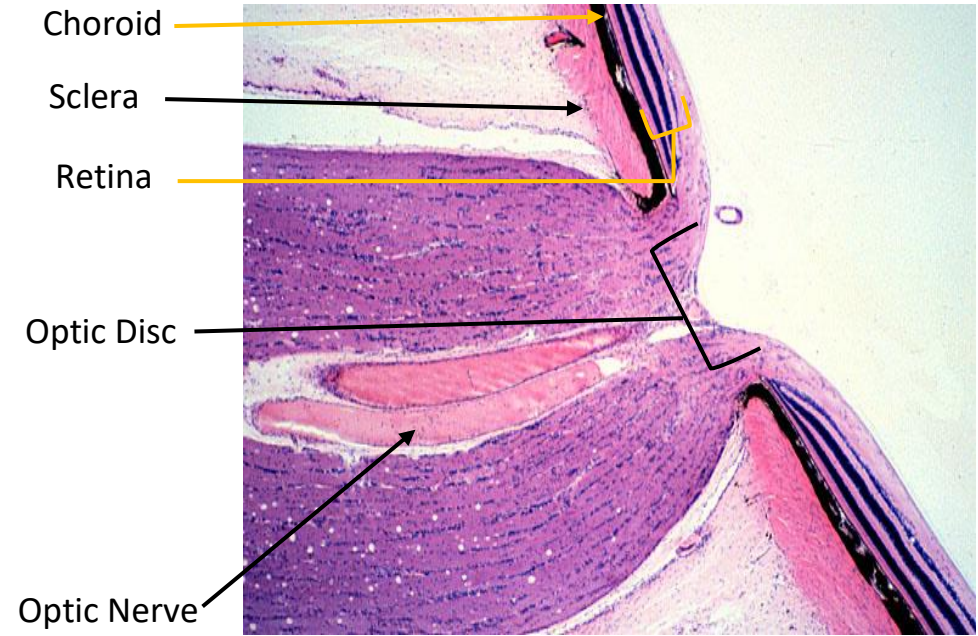
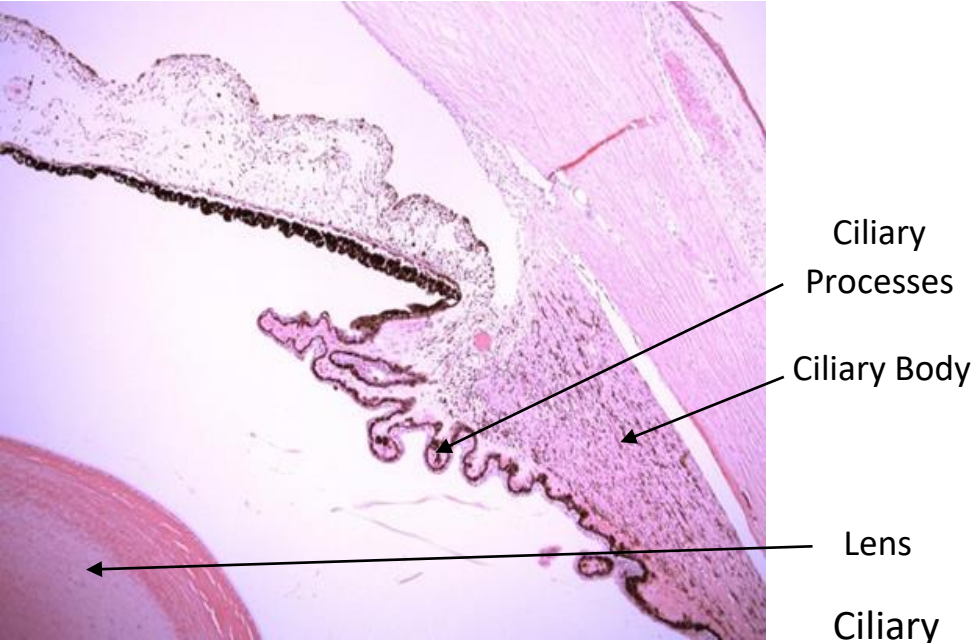
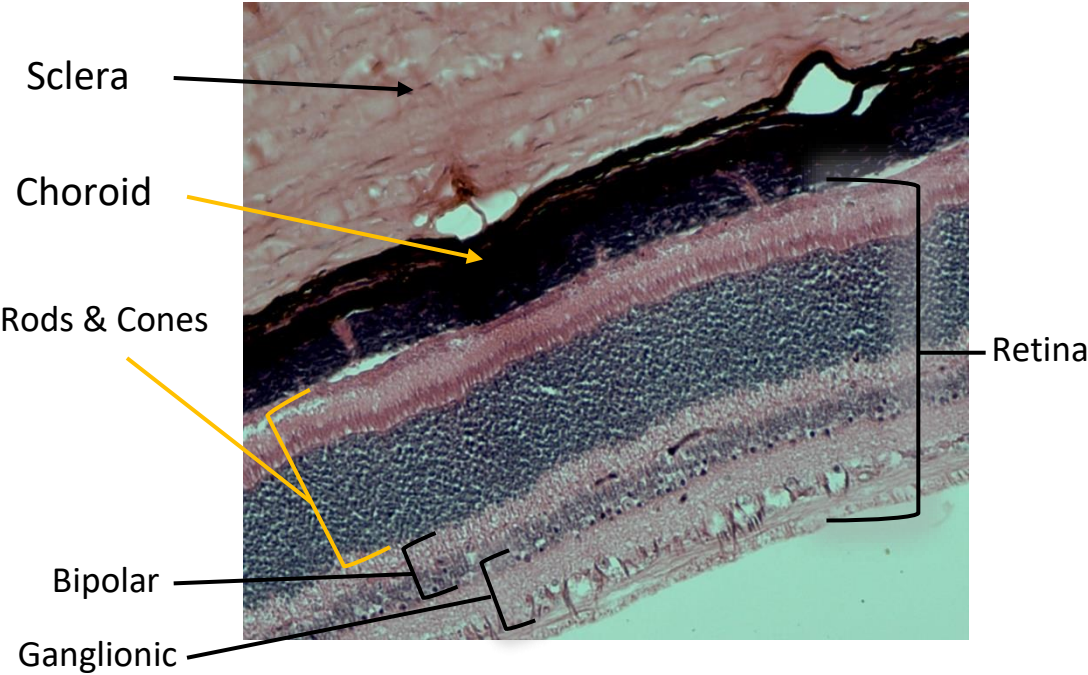
EYE MODEL



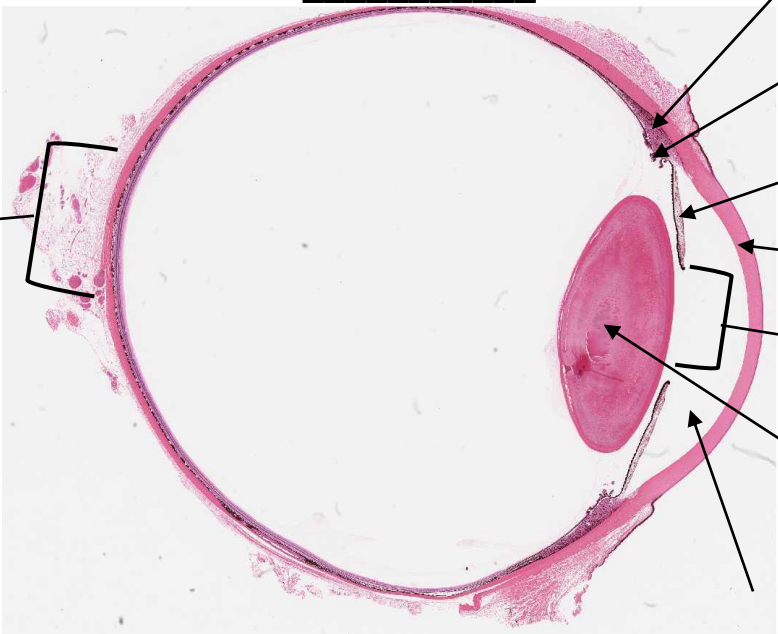
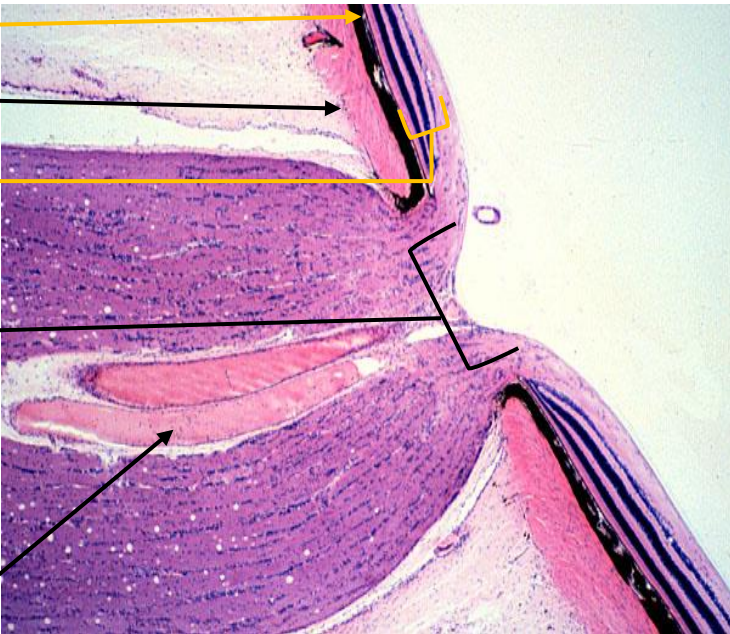
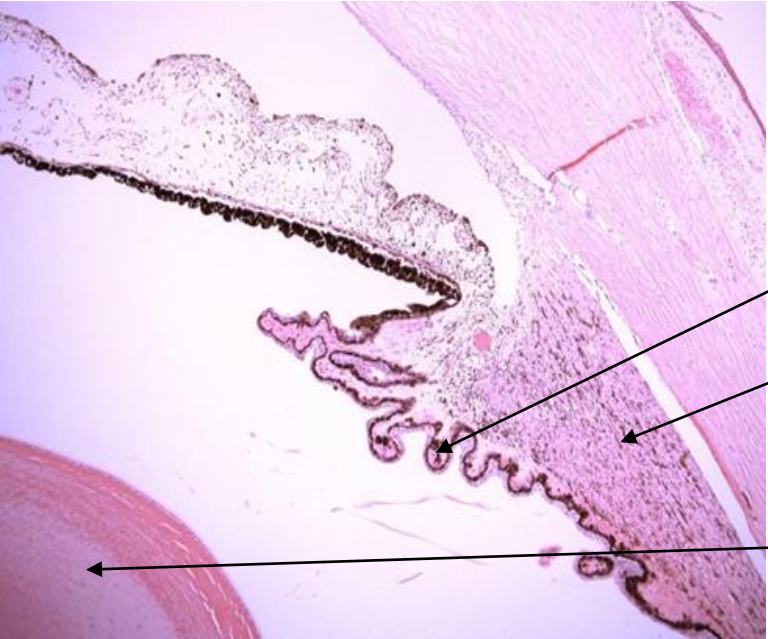
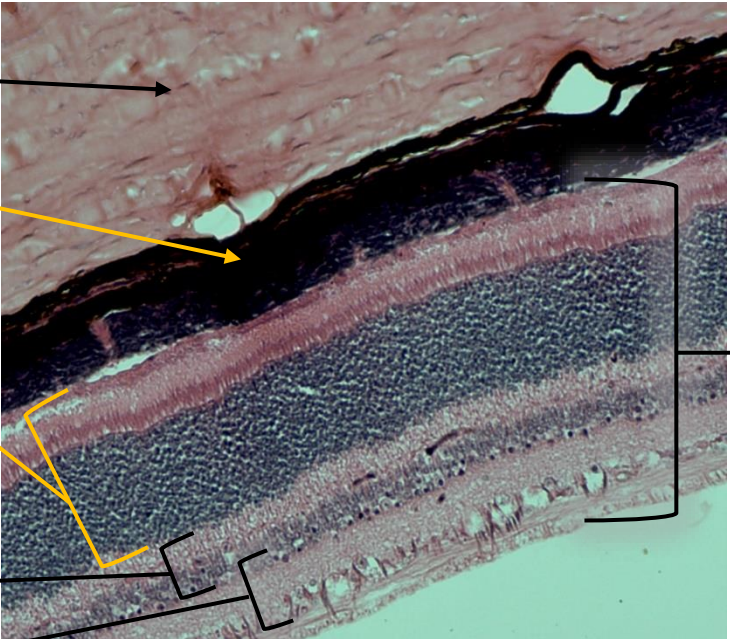
EYE MODEL



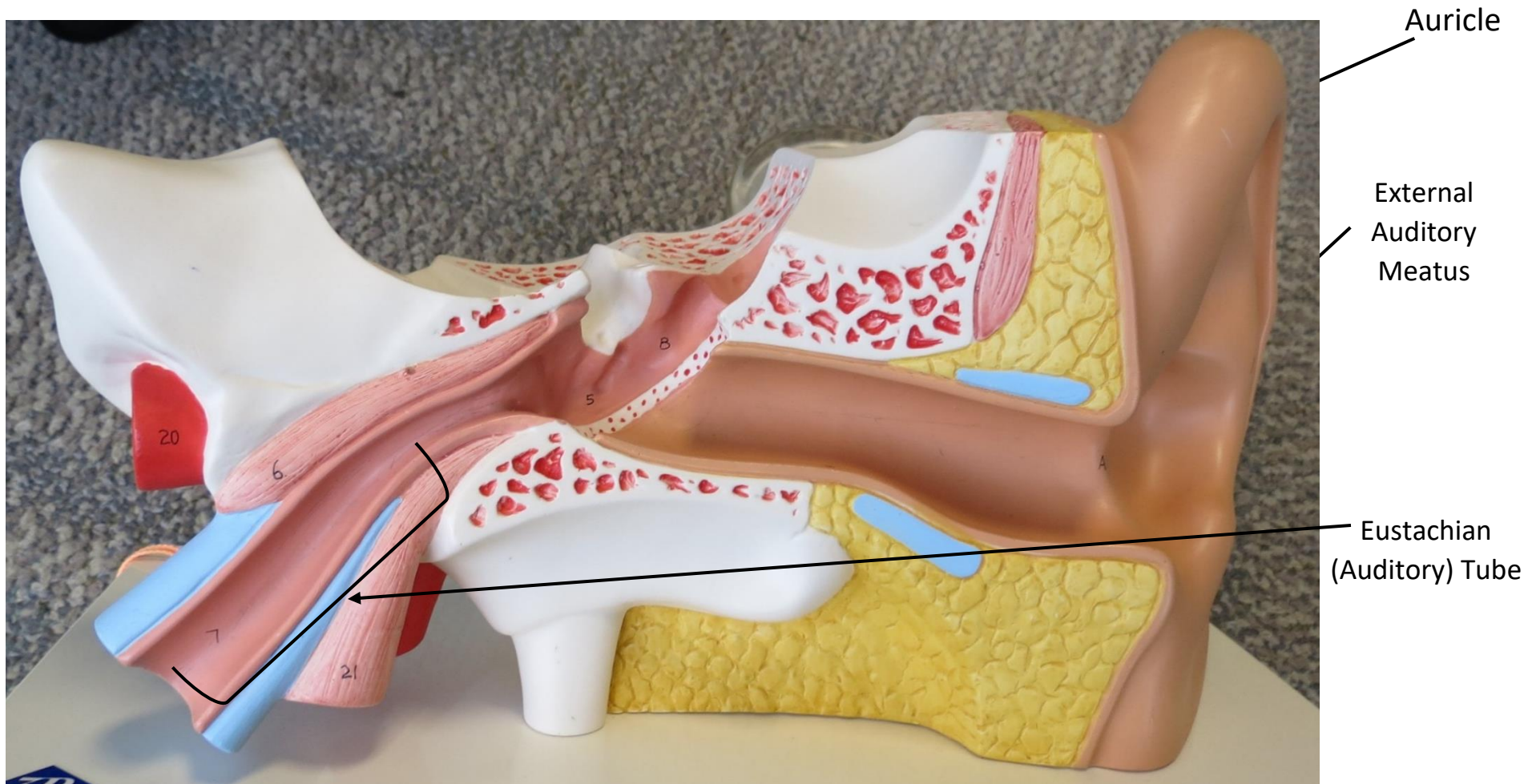
EYE SLIDE



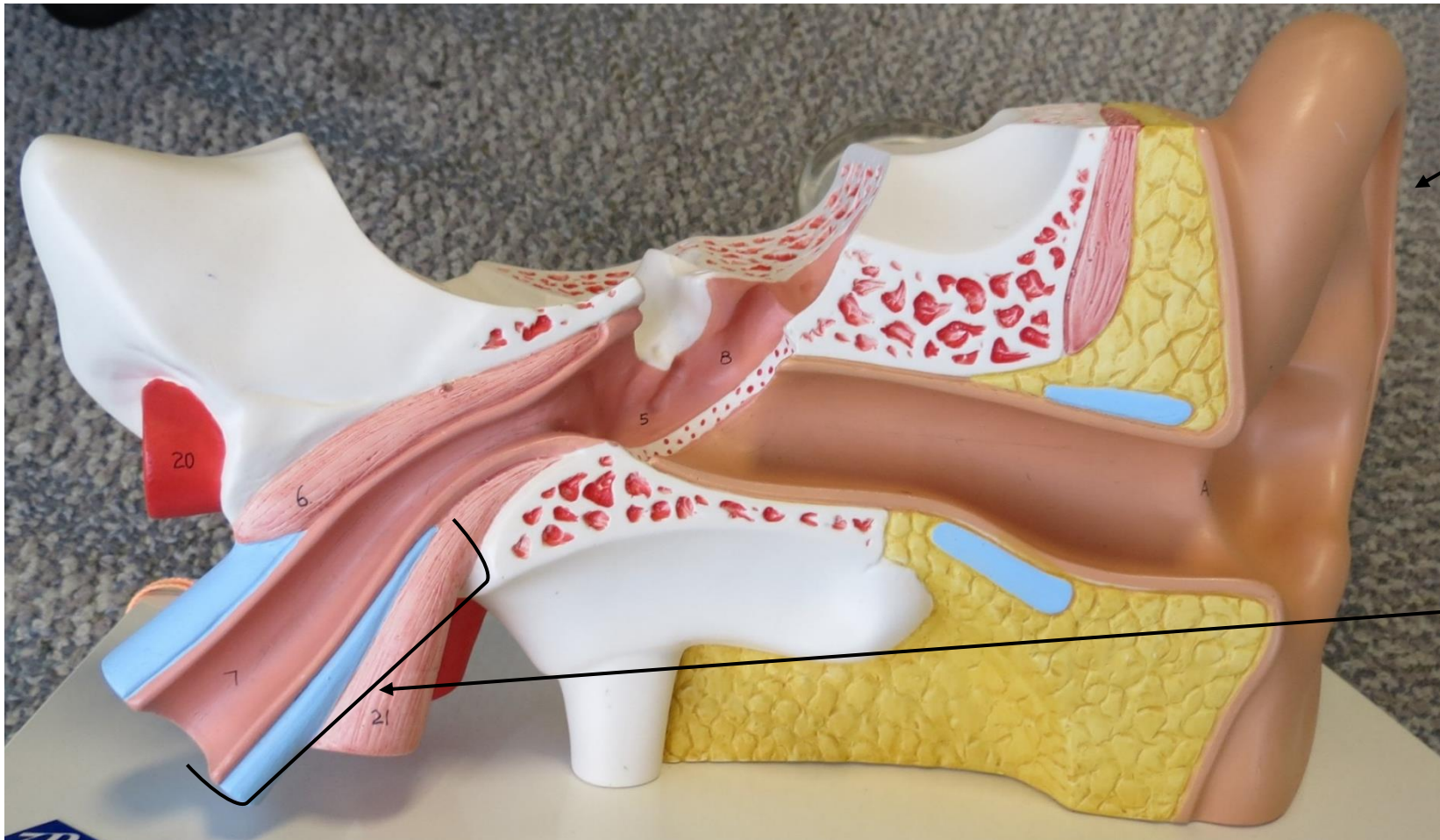
EYE SLIDE



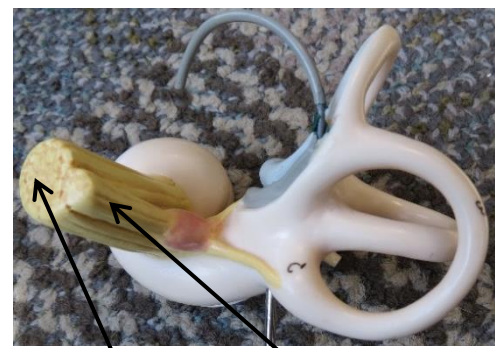
EAR MODEL



EAR MODEL



INNER EAR MODEL

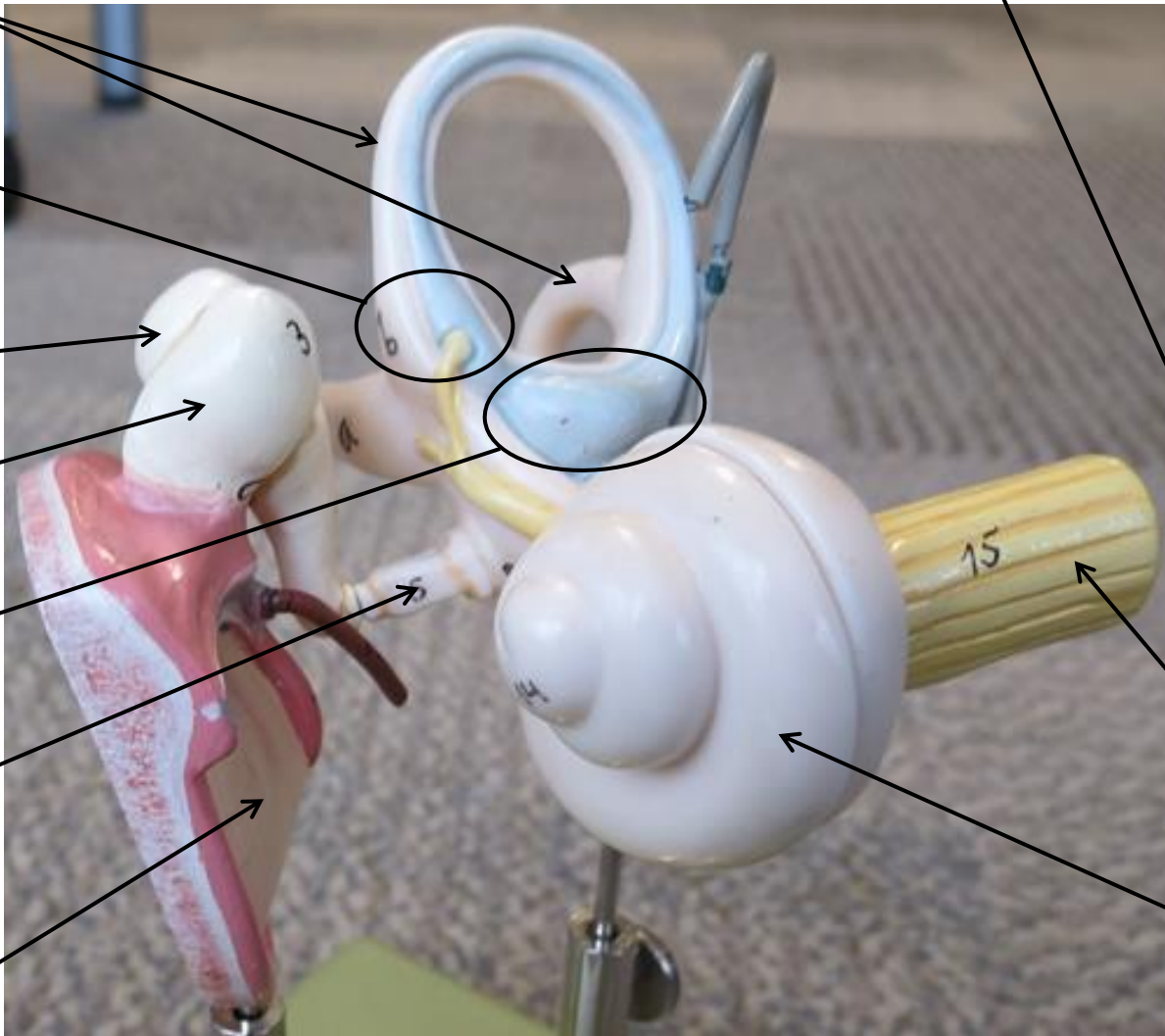


Vestibular Nerve

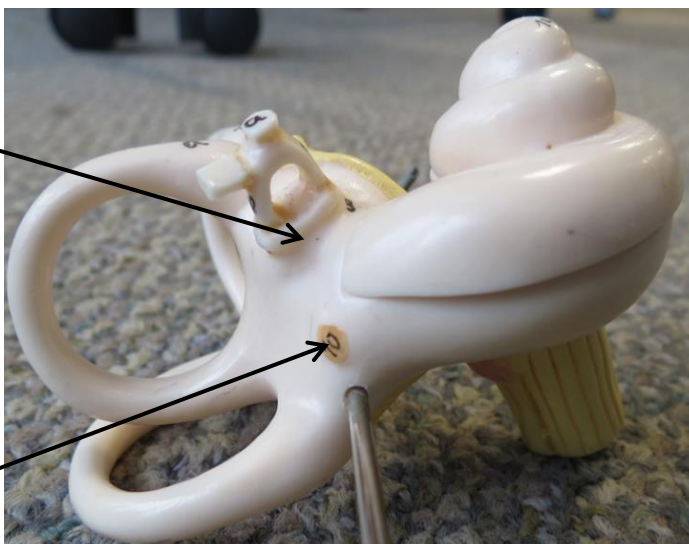
Cochlear Nerve

Cochlea

Semicircular Canals
Ampullae (swollen ends of semicircular canals)
Incus
Malleus
Vestibule
Stapes
Tympanic Membrane



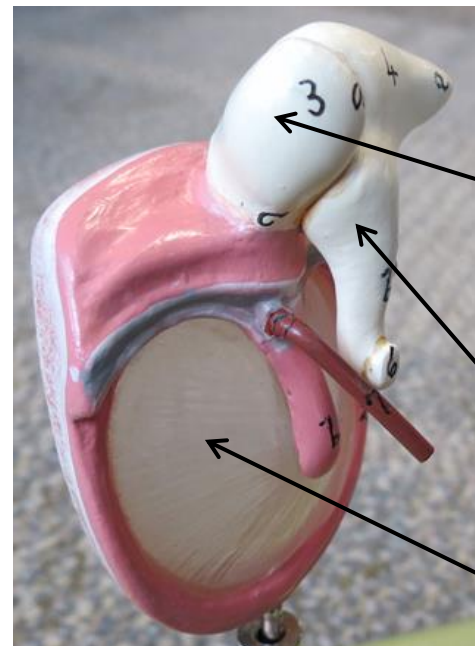
Oval Window (not shown – underneath the stapes)
Round Window



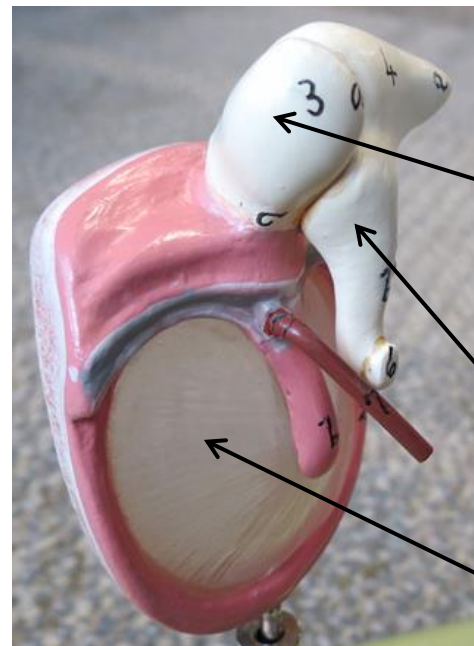
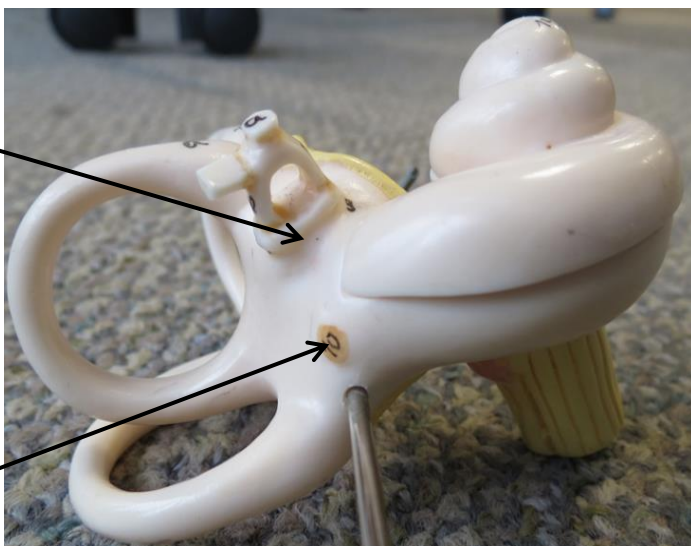
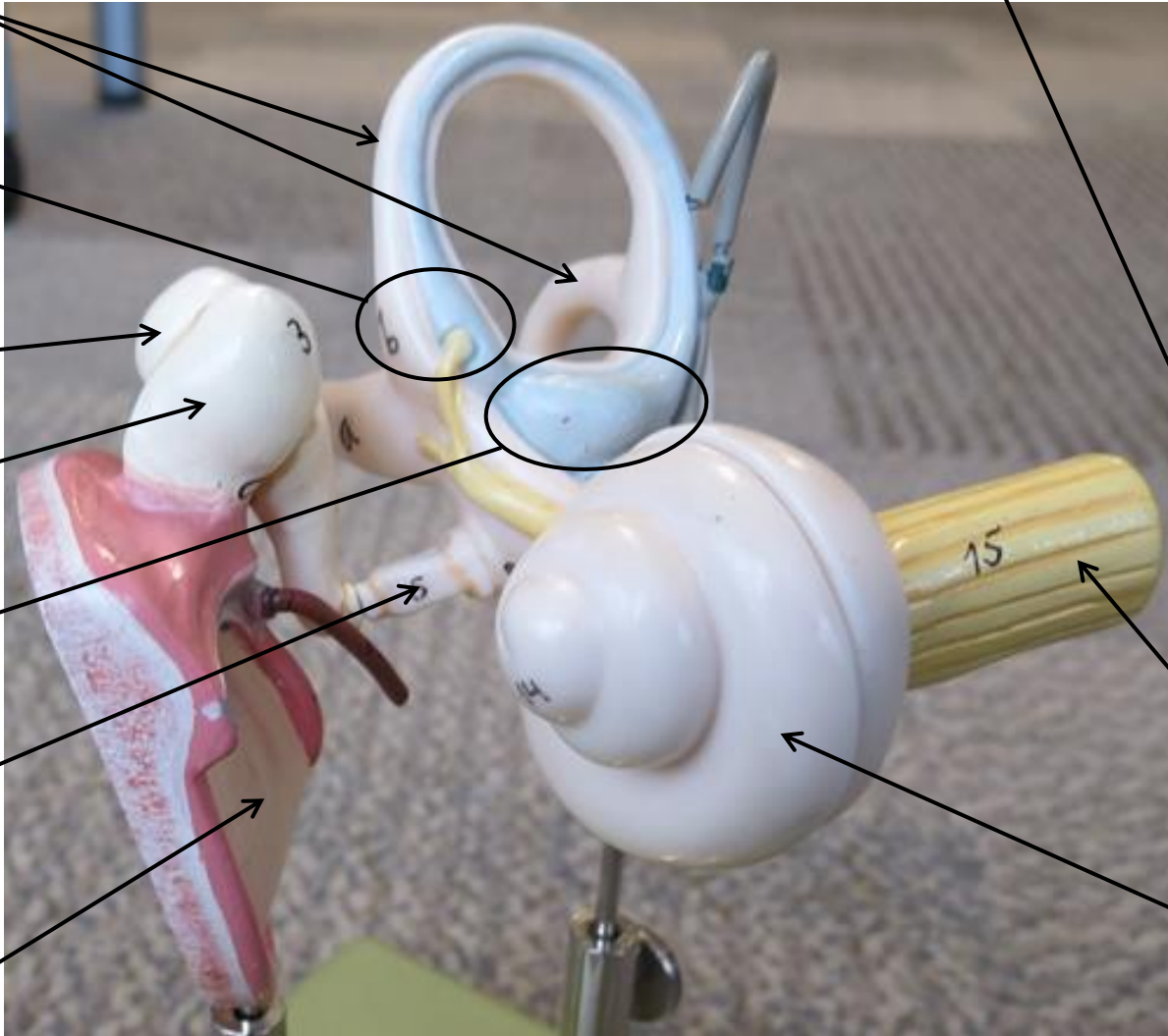
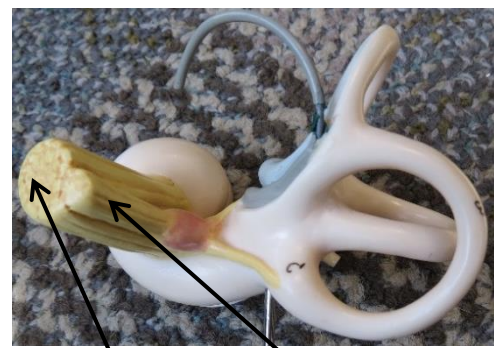
Malleus

Incus

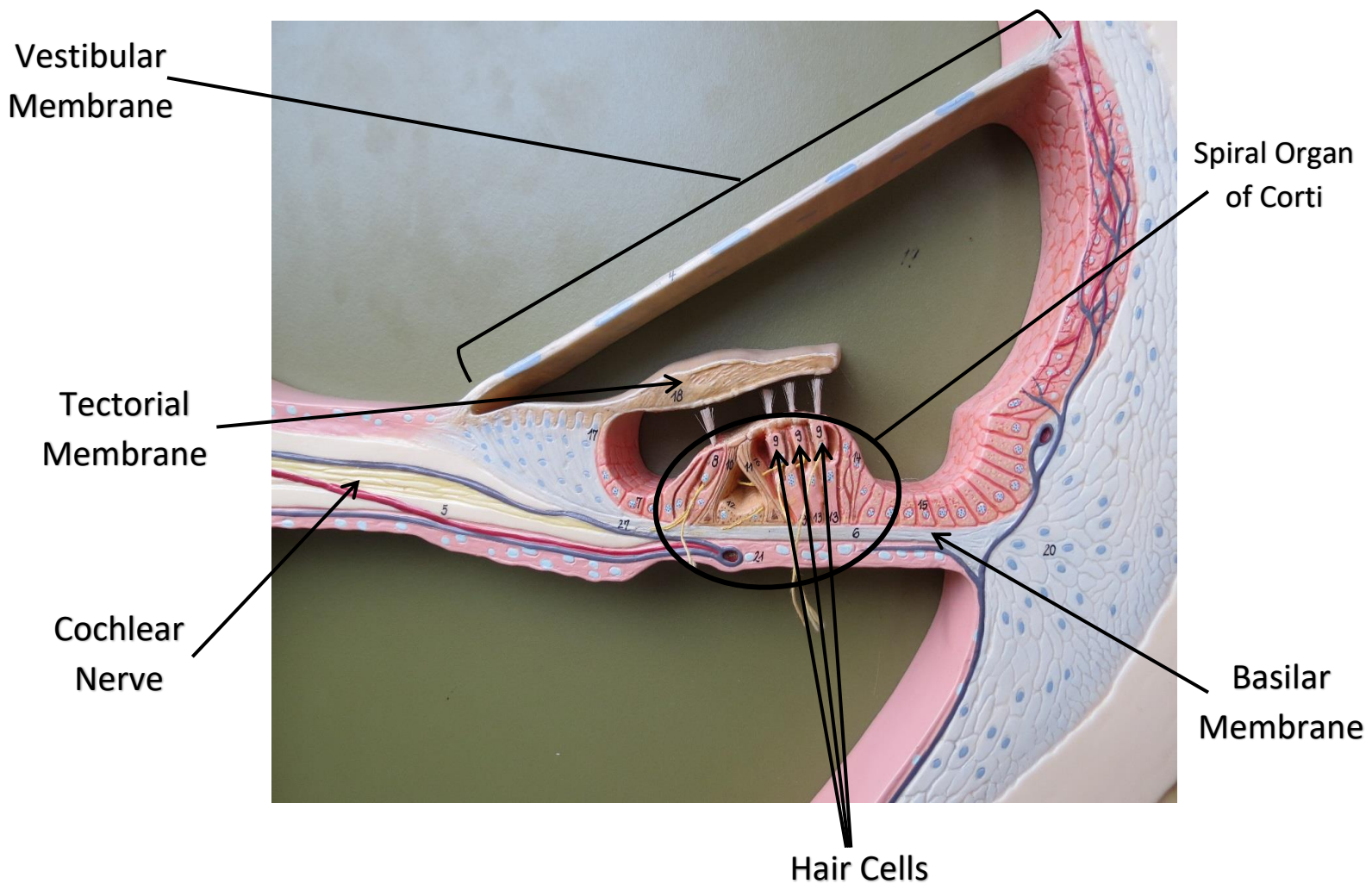
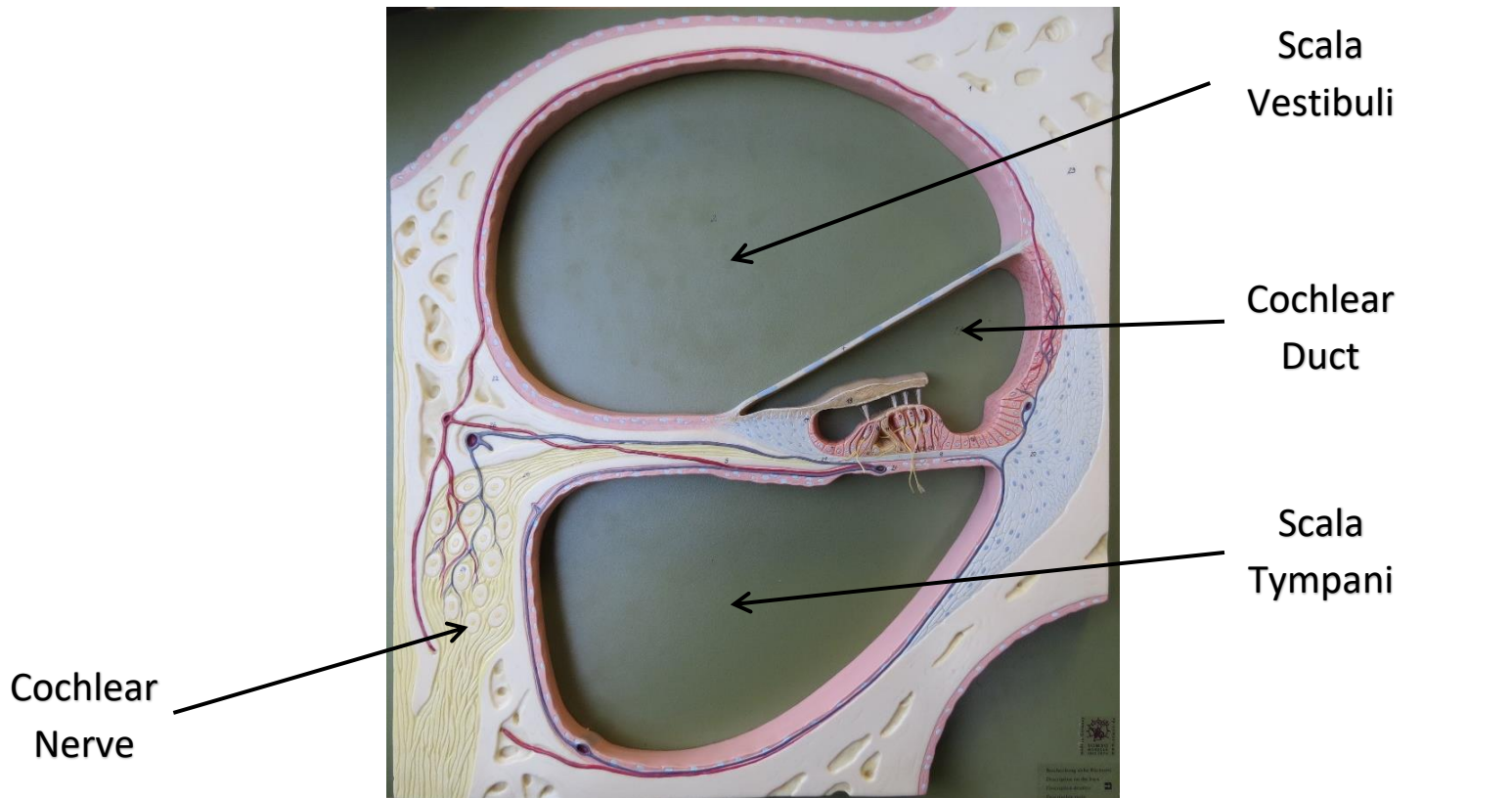
Tympanic Membrane



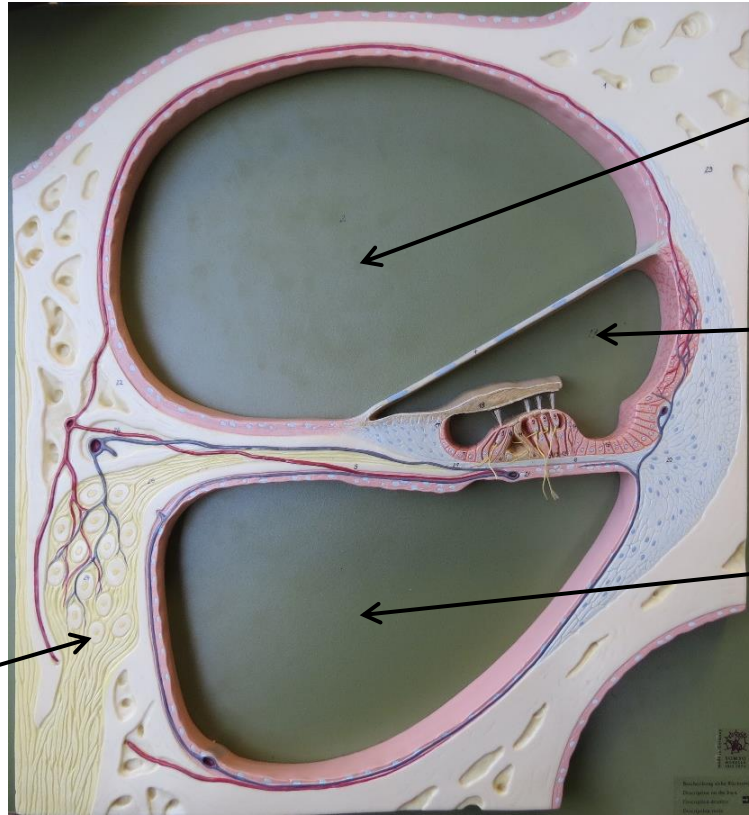
INNER EAR MODEL

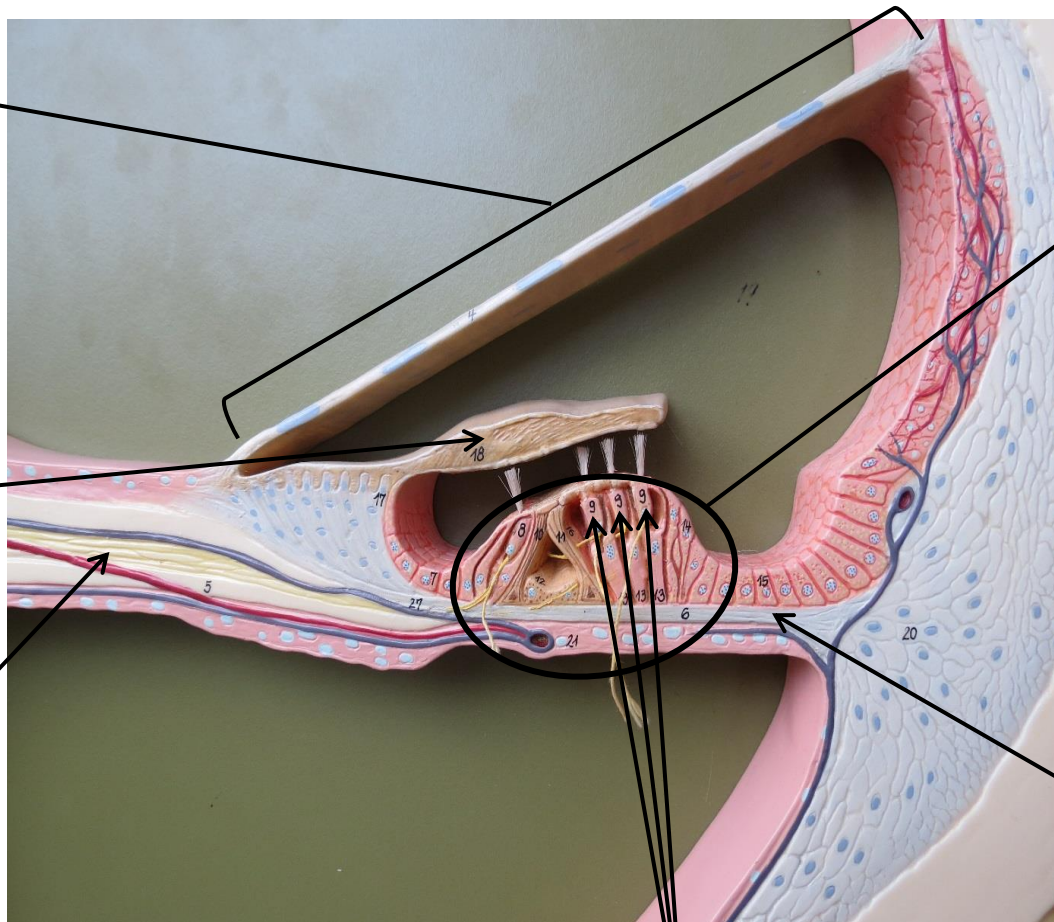


FLAT COCHLEAR MODEL



FLAT COCHLEAR MODEL





COCHLEA SLIDE

