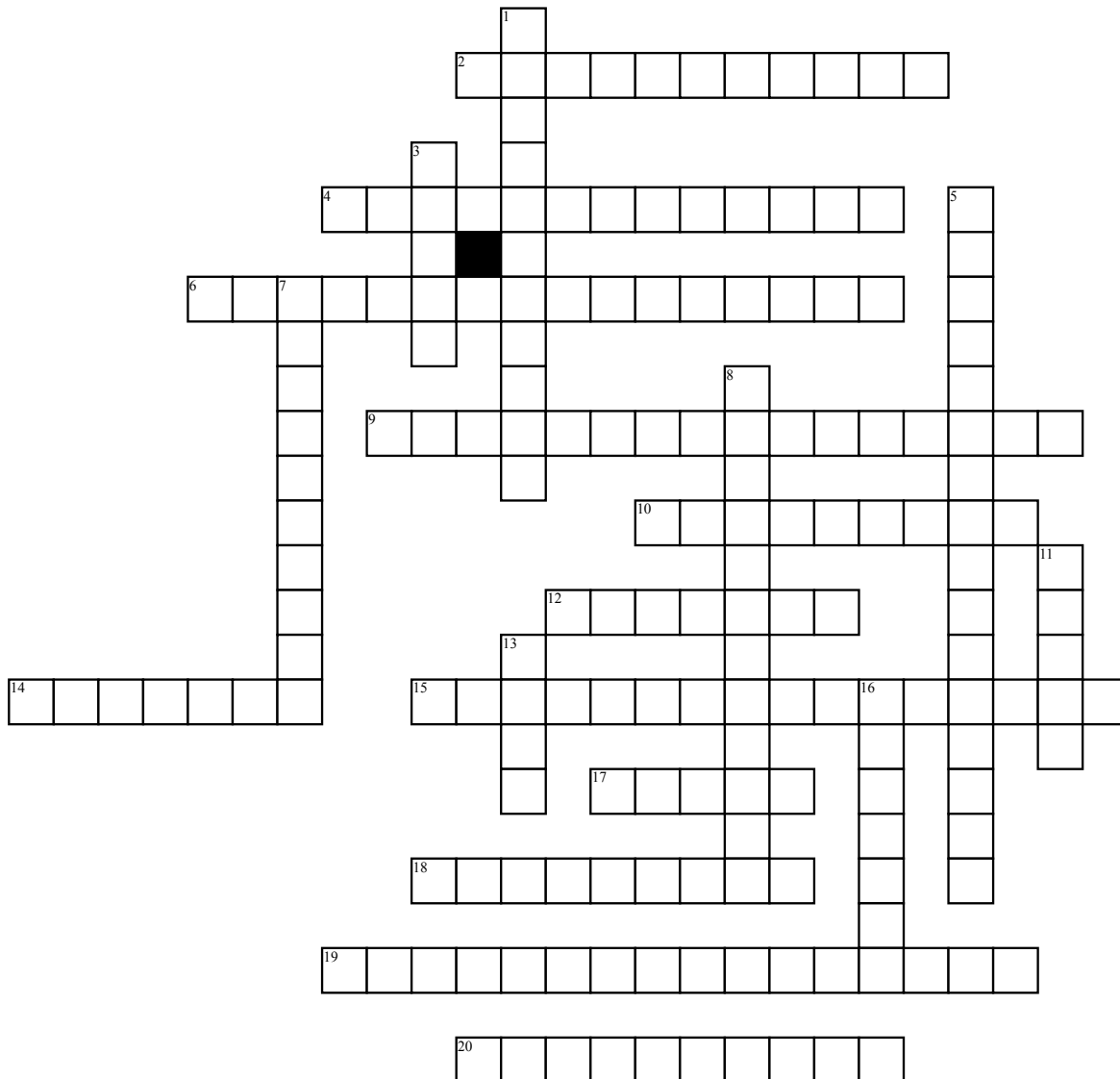


Name: _____

Anatomy of the Auditory System



Across

2. Marks entrance to the Scala Tympani of the cochlea
4. Pulls the malleus antero-medially; this decreases the range of movement of the tympanic membrane
6. Looks like a coiled snail shell
9. small opening between the scala tympani and subarachnoid space of the cranium
10. Entryway to cochlea
12. Part of inner ear that houses the organs for hearing
14. an enlargement near the opening to the vestibule in each canal
15. the divider between the outer and middle ear
17. Curled margin of the pinna
18. Located in the petrous portion of the temporal bone
19. Part of inner ear that houses the sensors for balance/equilibrium
20. Footplate of the stapes embedded here

Down

1. Reflects light of audiologist's otoscope

3. Is the middle bone in the chain of ossicles
5. A system of canals and cavities within the petrous portion of the temporal bone
7. Basilar membrane is the "floor" of this
8. Flaccid part of tympanic membrane
11. Function is to aid in localization of sound in space; also "captures" sound energy
13. the most distal point of attachment of the inner tympanic membrane to the malleus
16. Largest of the ossicles