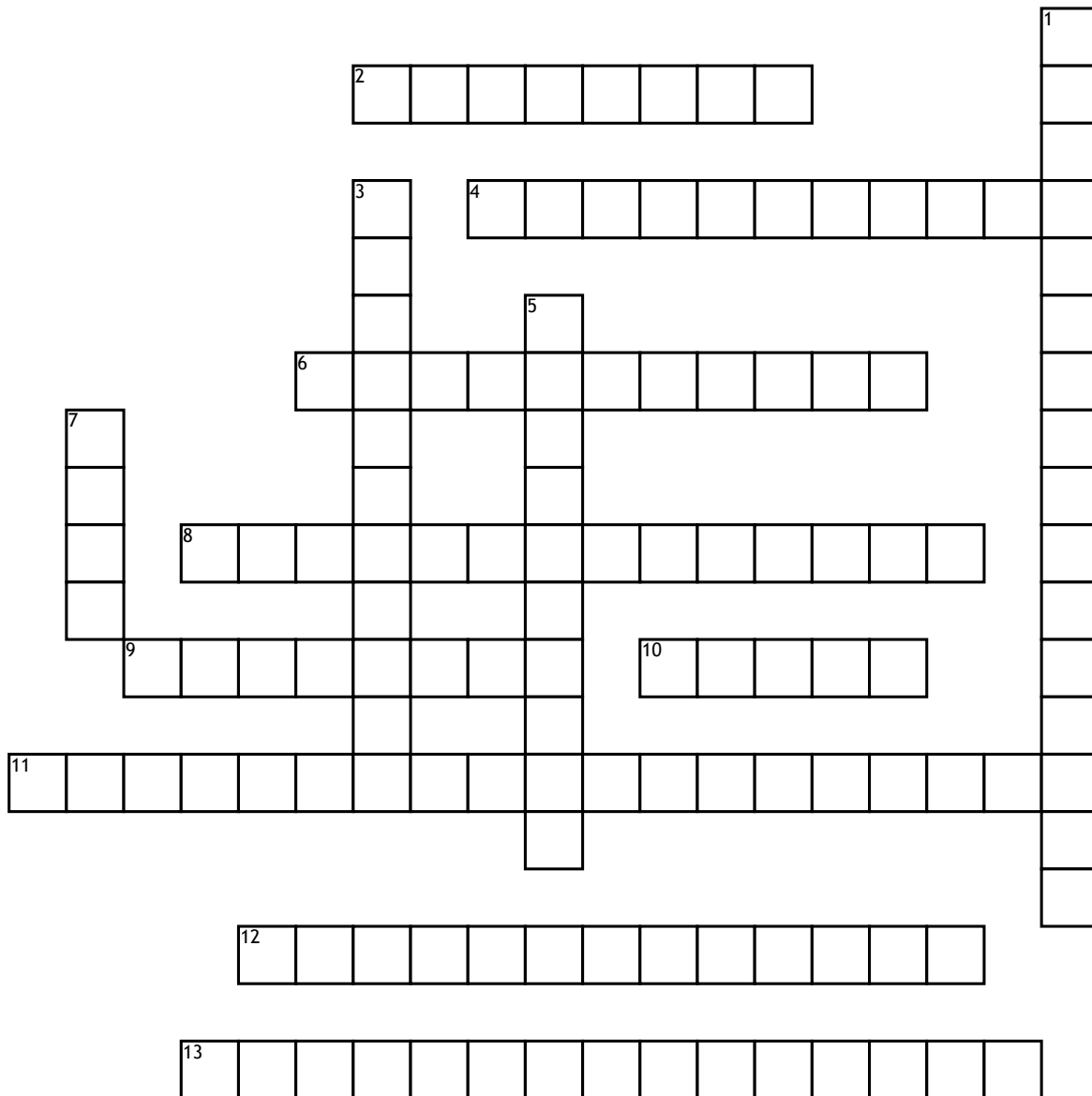


Name: _____

Date: _____

Anatomy of the Inner Ear



Across

2. The bony core of the cochlea.
 4. Fibers that are larger in diameter and have a myelin covering.
 6. A passageway at the apex of the cochlea that connects the Scala Tympani to the Scala Vestibule.
 8. A membrane running along the lateral wall of the scala media.
 9. Runs through the center of the modiolus.

10. There are about how many outer hair cells in the human ear?

11. A thin, spiral ramp of bone that projects from the modiolus, towards the lateral wall of cochlea.

12. A long, narrow channel that runs the entire length of the Organ of Corti.

13. A tough membrane that is the surface of the Organ of Corti.

Down

1. A thin membrane that separates the Scala Media from the Scala Vestibuli.

3. Fibers that are smaller in diameter and are not myelinated.

5. Contains Endolymph and the Organ of Corti.

7. There are about how many inner hair cells in the human ear?