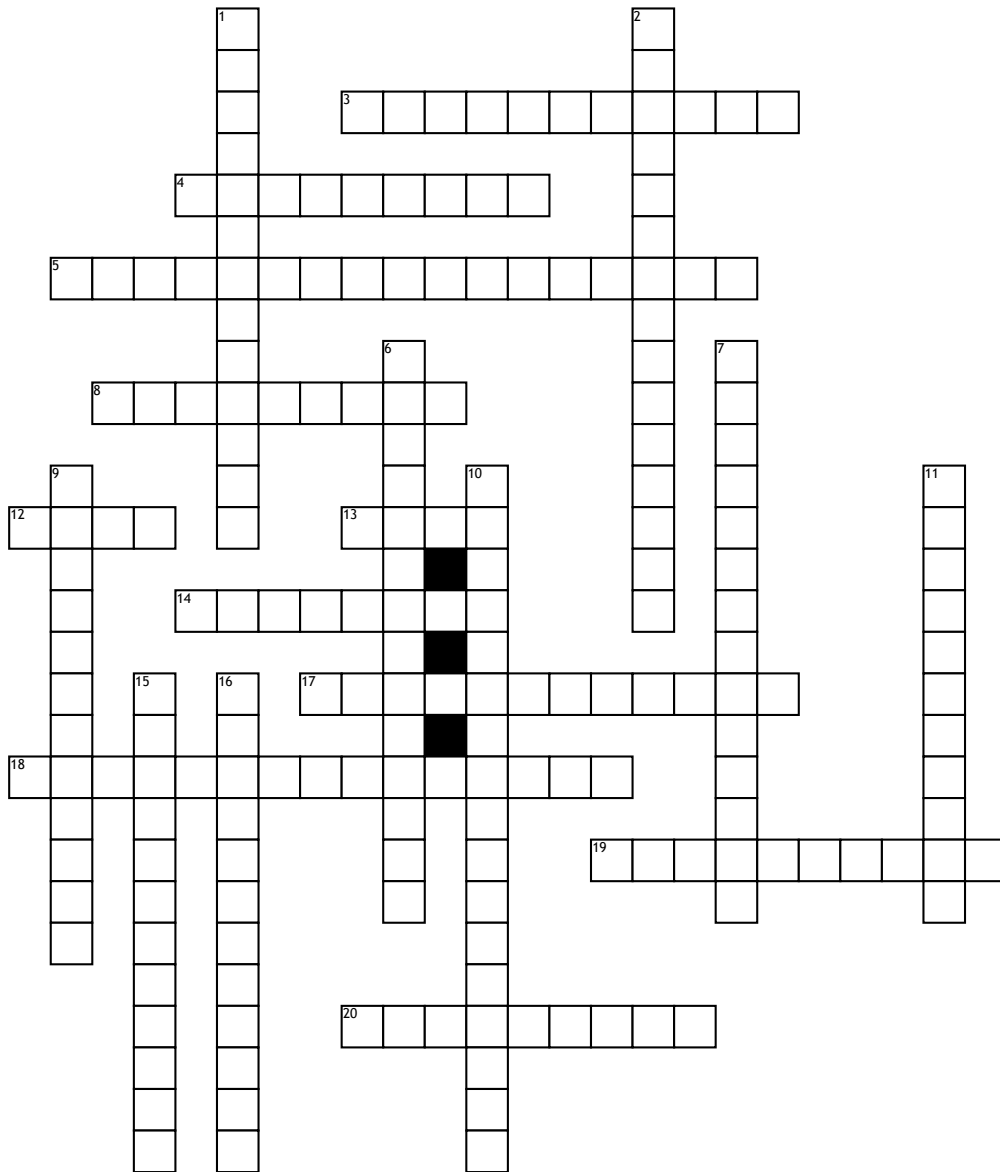


Name: _____

Date: _____

Anatomy of the Cochlea



Across

3. A narrow passage at the apex of the cochlea at which the scala tympani and scala vestibuli are connected
 4. The fluid that fills the bony labyrinth
 5. A membrane that extends from the spiral limbus out into the scala media over the entire organ of Corti
 8. The fluid located within the membranous labyrinth of the inner ear
 12. The narrowest end of the spiral of the cochlea, where the scala tympani and scala vestibule join
 13. The widest coil of the spiral of the cochlea
 14. The central bony channel of the cochlea within which the spiral ganglia are located

17. The sense organ of hearing that runs along the entire length of the basilar membrane

18. The membrane that separates the scala media from the scala tympani

19. The cochlear portion of the membranous labyrinth

20. Sensory cells with stereocilia projecting from one end

Down

1. A triangular-shaped support structure created by the inner and outer rods of Corti

2. The vascular strip located on the lateral wall of the scala media

6. A ligament that connects the basilar membrane with the lateral wall of the body labyrinth

7. Extends along the length of the cochlea from the vestibule to the helicotrema

9. A spiral, corkscrew-shaped bony shelf that projects from the side of the modiolus

10. The membrane that separates the scala media from the scala vestibuli

11. Tiny hair-like projections from one end of a hair cell

15. The medial attachment point for Reissner's membrane

16. Extends along the length of the cochlea from the helicotrema to the round window