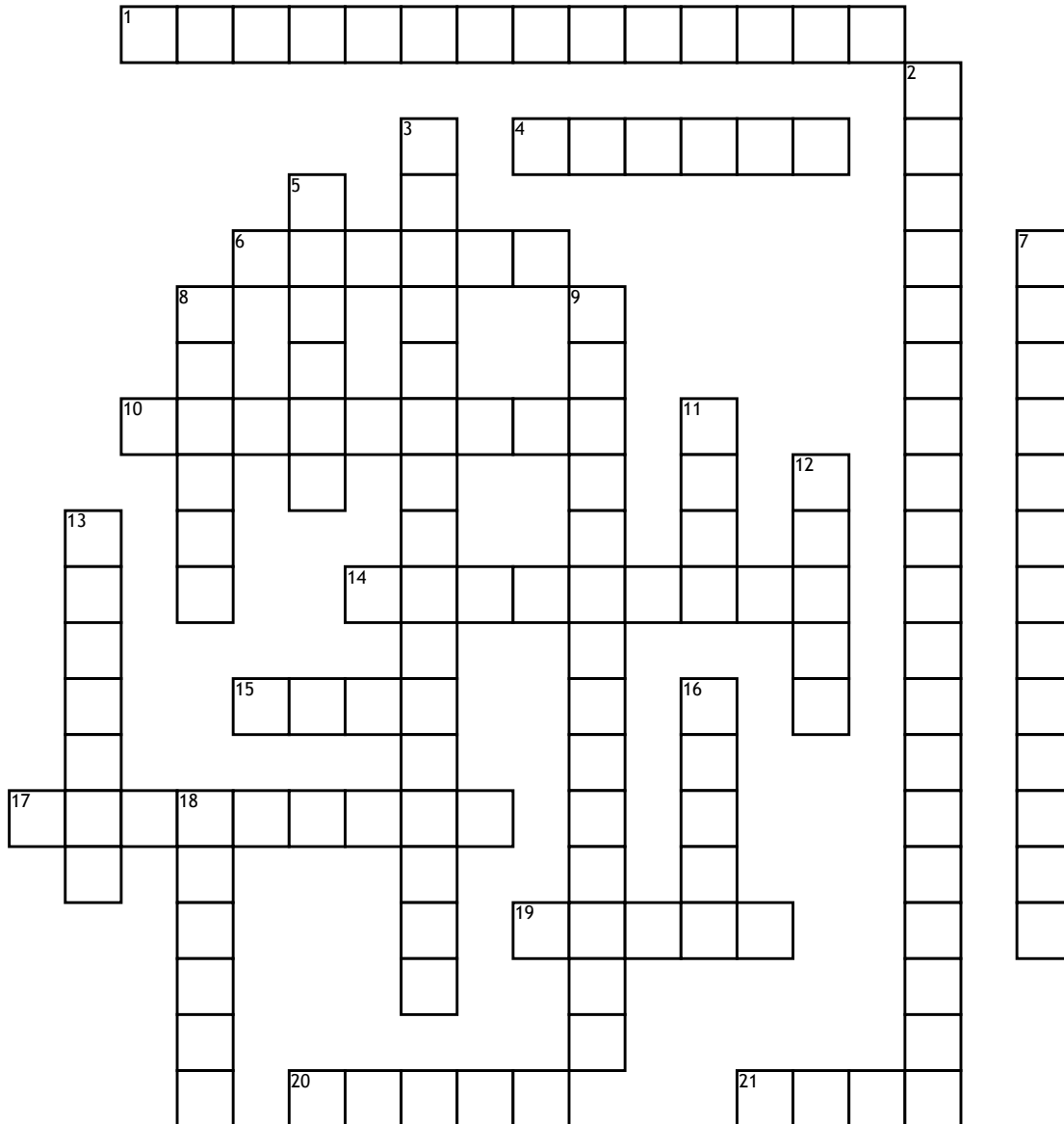


Name: _____

Date: _____

Summary - The human eye



Across

1. When you read something, your contract.
4. If the cones for red and green are equally stimulated, you have the impression of the colour...
6. Optical illusions can occur, when the brain compares the information with former visual experiences in our ...
10. The is the place where the optic nerve enters the eyeball.
14. What is the name of the light sensitive pigment in rods?
15. Which cone is sensitive to small wavelengths?

17. The ... of older people is often further away than the ... of younger people.

19. The ... is the place of the clearest vision.

20. Eye opening

21. Gives the eye its colour

Down

2. When the ciliary muscle contracts, the ... loosen

3. People with ... can see things that are close to them clearly, but have problems focussing on objects that are further away.

5. For long-sighted people the light rays of close objects meet the retina and the object blurs.

7. The ability of the eye to adjust to close and distant objects is called

8. Protective outer layer of the eye

9. Gives the eye its shape

11. It can change its shape to adjust to close and distant objects.

12. The receptor cells for colour vision are the...

13. When we focus on an object in the distance, the ciliary muscle ...

16. If all three types of cones are activated equally, they produce the impression of ...

18. Contains light sensitive receptor cells