

SCIENCE 8

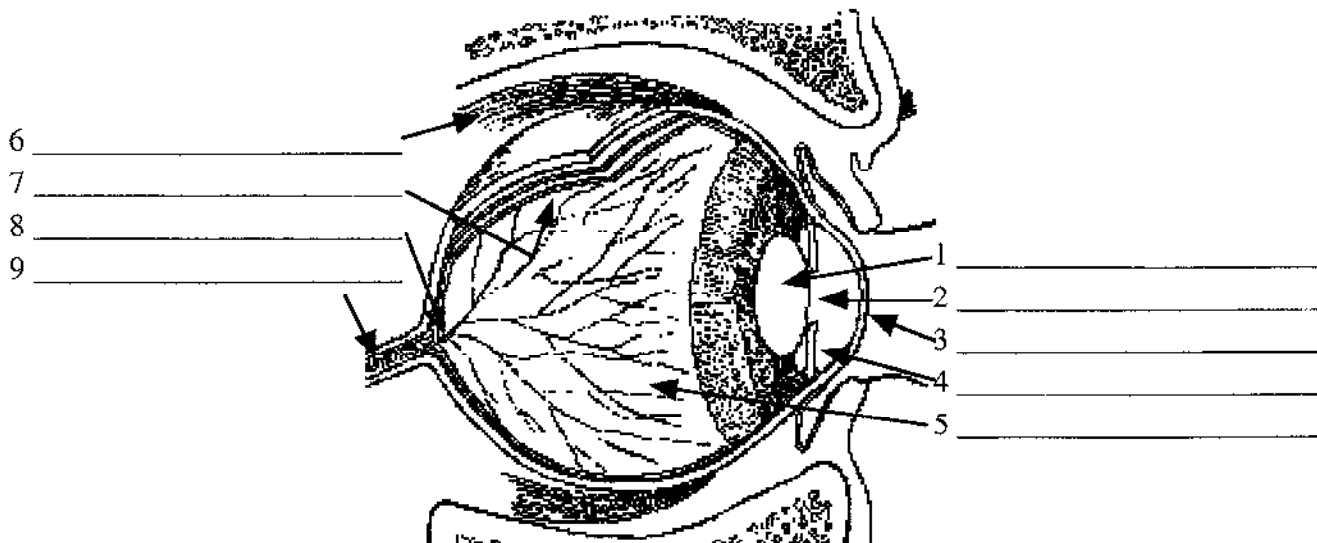
THE EYE

NAME: _____

REVIEW

BLOCK: _____

- Label the following parts on the diagram below: lens, retina, optic nerve, cornea, iris, pupil, blind spot, vitreous humour, muscle.



- Name four parts of the eye that light must go through in order to reach the retina at the back.

- Draw arrows and label the pupil and iris in the diagram below.



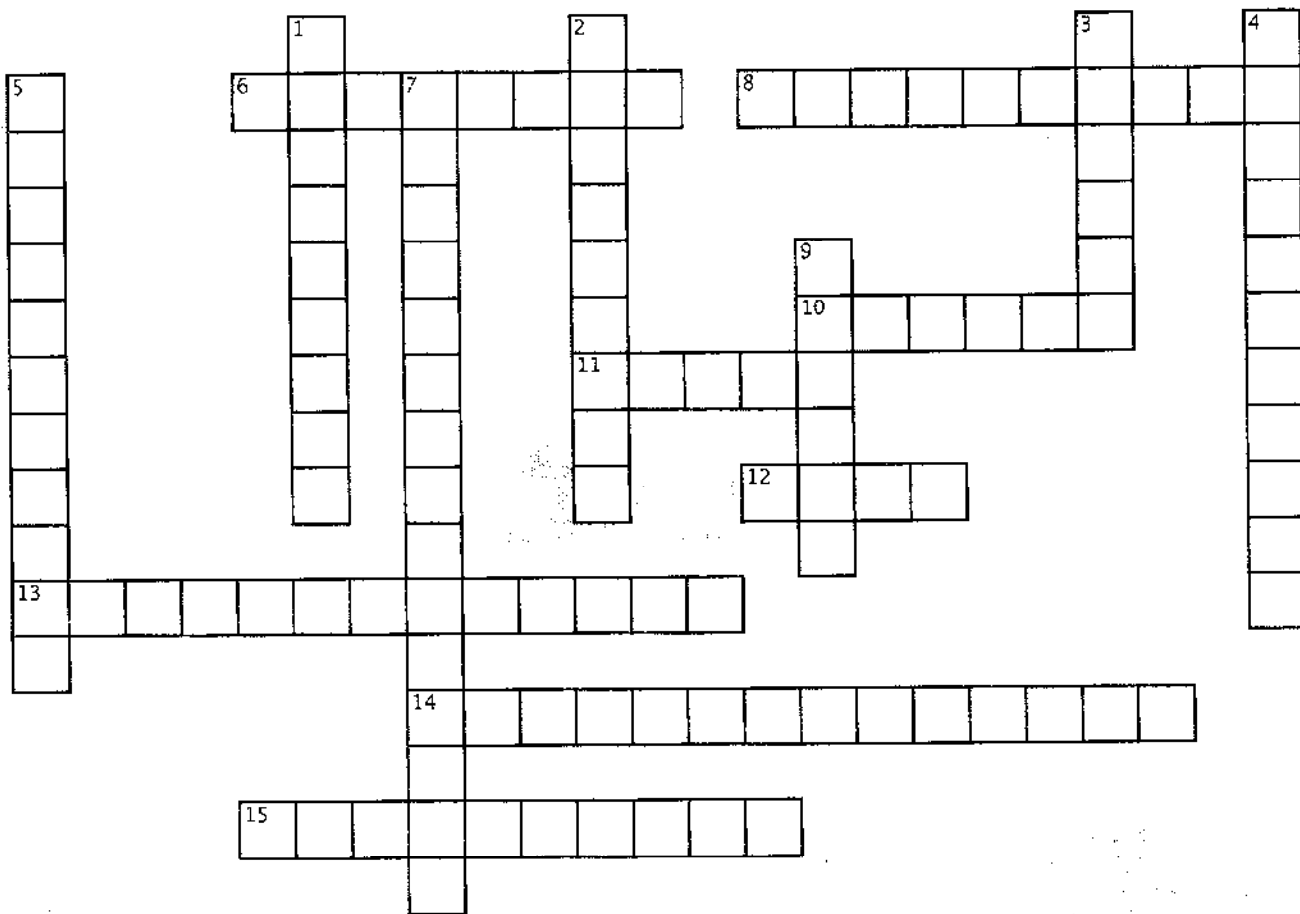
- When you say that a person has blue eyes, you are talking about the colour of the _____.

5. MATCHING.

- | | |
|--|--------------------|
| _____ protects the eye and helps focus light | A. vitreous humour |
| _____ the dark centre of the eye that allows light in | B. cornea |
| _____ controls the size of the pupil | C. muscle |
| _____ oval-shaped part that helps focus light at the back of the eye | D. retina |
| _____ jelly-like substance that helps keep the eye round | E. blind spot |
| _____ the light sensitive layer | F. lens |
| _____ sends a nerve impulse from the retina to the brain | G. optic nerve |
| _____ where the optic nerve joins the retina | H. pupil |
| _____ the part that makes the eye move (up and down, back and forth) | I. iris |

Crossword Puzzle - The Eye

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Across

6. These structures at the back of the eye give us black and white vision.
8. Electrical signals are sent from the eye to the brain through this.
10. Transparent tissue at the front of the eye.
11. This is the hole through which light enters your eye.
12. The coloured circle of muscle in the eye.
13. The Inuit traditionally wore glasses with slits to prevent this.
14. Difficulty seeing in dim light.
15. A condition where people cannot bring objects that are close into focus.

Down

1. These structures at the back of the eye allow us to see colour.
2. An area at the back of your eye that does not have any light-sensing cells.
3. The "screen" at the back of the eye.
4. A condition where people who cannot bring distant objects into focus.
5. An irregularly shaped cornea can result in this vision condition.
7. The ability to see only in shades of grey.
9. The white part of the eye.