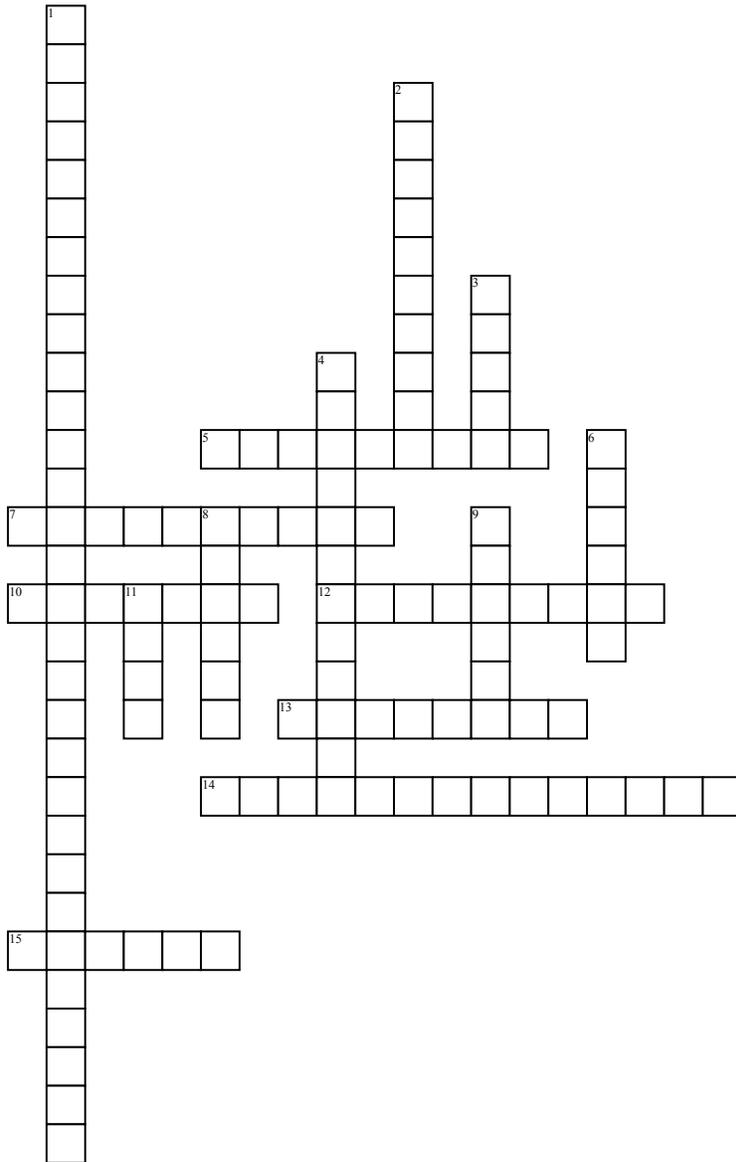


Name: \_\_\_\_\_

# Year 9 light



## Across

- 5. The cells in the eye that helps us to see colour
- 7. Change in direction of propagation of any wave as a result of its travelling at different speeds at different points along the wave front.
- 10. The dense fibrous opaque white outer coat enclosing the eyeball
- 12. The scientific word for longsightedness
- 13. The cells in the eye that helps us to see far away and close-up objects

14. The liquid that the human eye is made up of

15. The nerve layer that covers the back of the eye

## Down

- 1. These angles are always the same
- 2. This nerve carries the electrical signals from the retina to the brain
- 3. An opening in the iris that determines the amount of light entering the eye
- 4. The clear, watery fluid and is used to lubricate the lens and cornea

6. The scientific word for short sightedness

8. The transparent part of the covering of the iris

9. This line divides the angle between the incident ray and reflected ray into two equal angles

11. A flexible structure that enables light to be focused on the retina