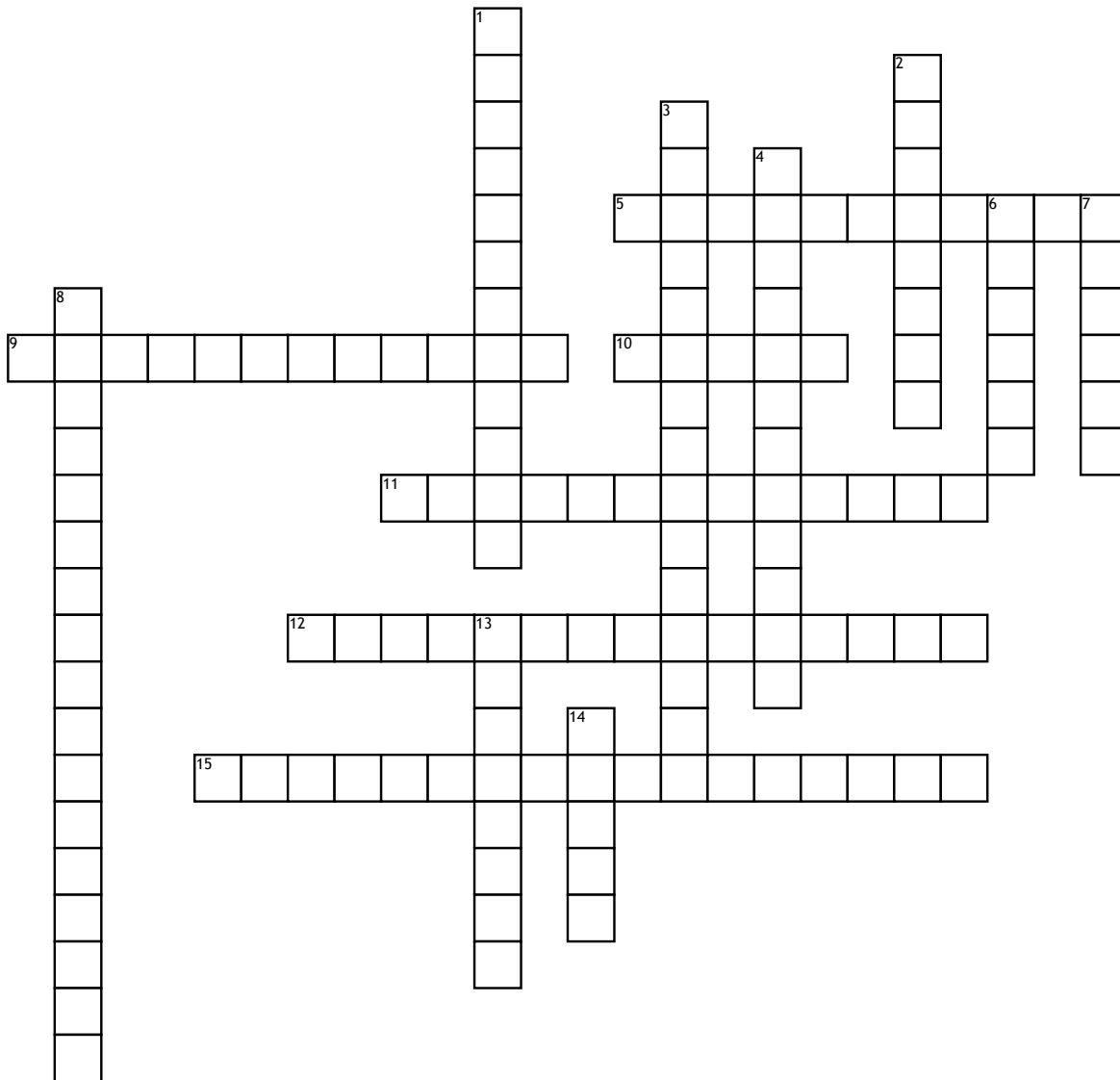


# optics



## Across

5. objects that don't give off light but reflect it
9. flat mirrors are called
10. the dark part of a shadow
11. the process of emitting light due to high temperature
12. the process of emitting light for some time after receiving energy
15. the process of changing chemical energy into light energy

## Down

1. the measure of how much light can pass through a material
2. Objects that give off light
3. living things that can produce a natural chemical reaction to make themselves luminous
4. the process of emitting light while receiving energy from another source
6. a material that does not transmit any light

7. an area that light has been blocked

8. the process of emitting light because of electricity passing through a gas

13. the lighter part of a shadow

14. form of energy that can be seen by the human eye