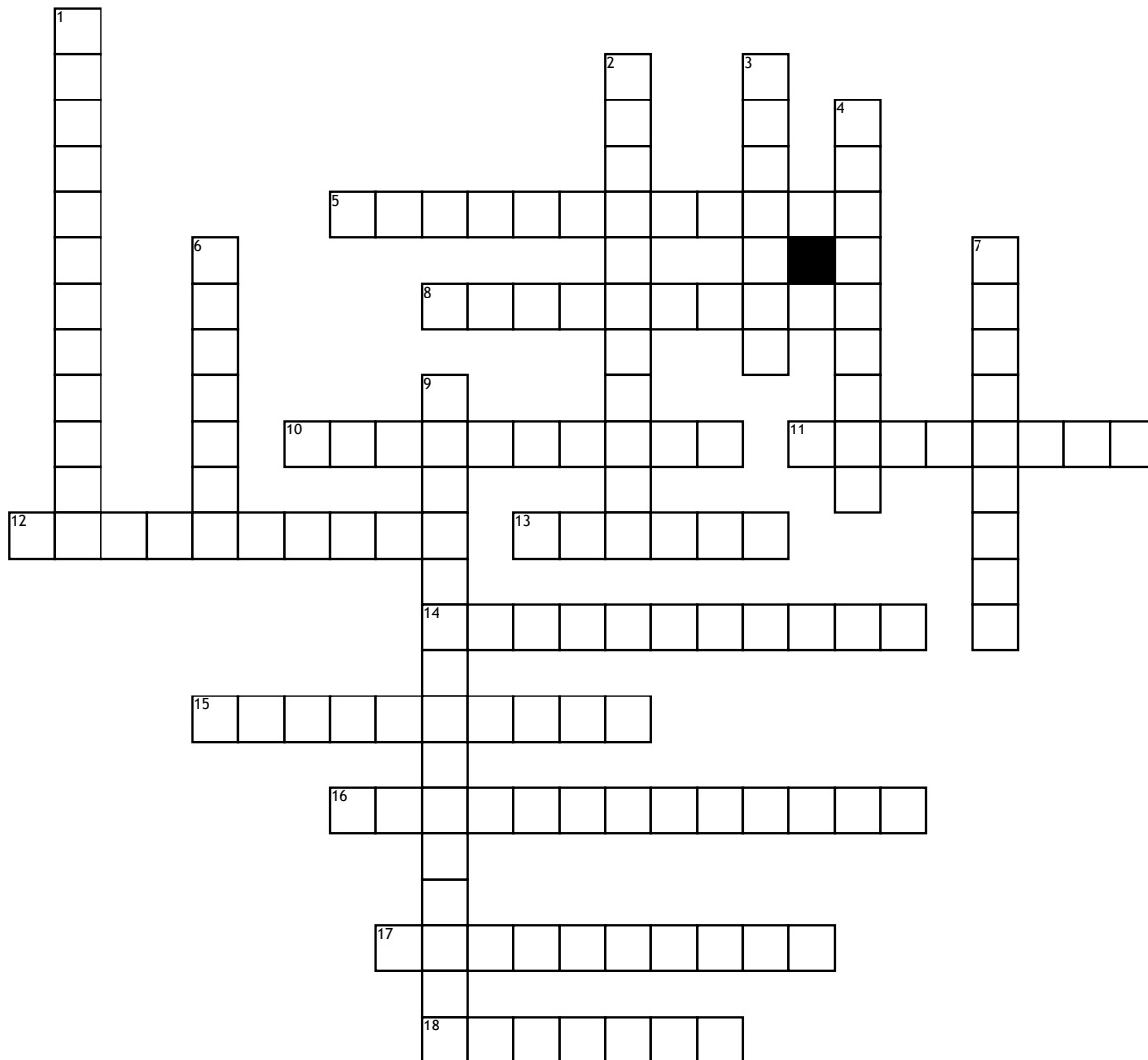


# Lights & Lenses



## Across

5. 670,616,629 mph

8. wave changes speed and direction

10. point that all waves intersect

11. light travels in \_\_\_\_\_ lines

12. wave changes direction

13. lens bending outward

14. length between focal point and lens

15. used in cars to see

16. how bigger/smaller an image is

17. lens used to take good pictures

18. these are caused by diffraction

## Down

1. image seen in lens

2. wave changes shape and direction

3. 7 colors on the light spectrum

4. i.e. brightness

6. lens bending inward

7. image can be projected

9. sherlock holmes' instrument of choice