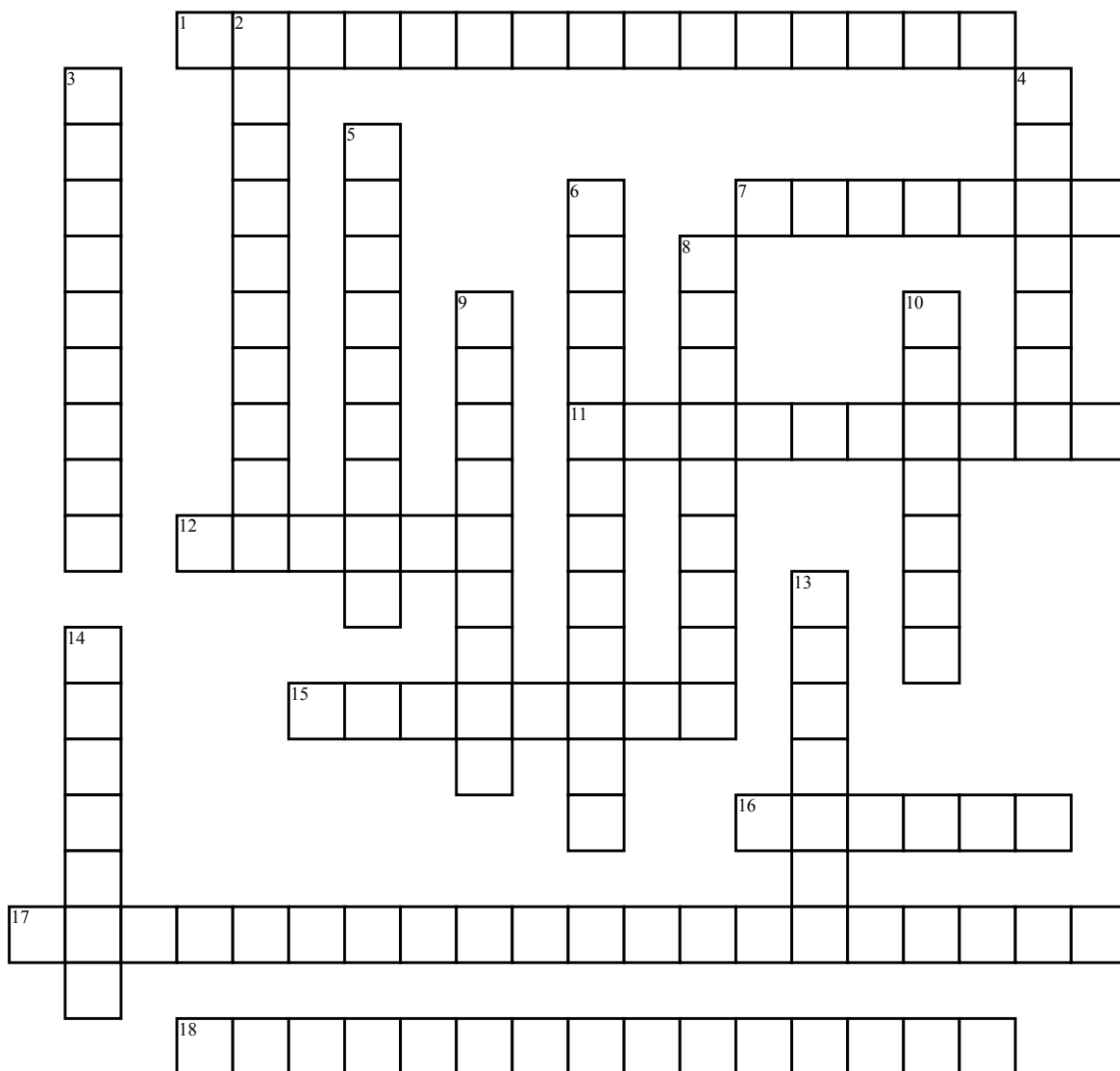


# Types of Lenses



## Across

1. convex lens used to produce a magnified image  
 7. used for low-magnification  
 11. A lens that corrects or assists defective eyesight  
 12. provides a re-magnified image when light enters through the objective lens  
 15. makes refractive indexes of three wavelengths of light the same  
 16. A lens that is thicker in the middle and rays of light are brought together

17. gives the medium field of vision and the greatest depth of field  
 18. used in a telescope to form an image at the focal plane

## Down

2. makes refractive indexes of two wavelengths of light the same  
 3. focuses light from a light source onto a slide or object  
 4. A lens that is thinner in the middle and rays of light diverge  
 5. primarily used for observation of living organisms and minerals  
 6. compensates for the aberration caused by an objective lens

8. gathers light and enhances magnification in a microscope  
 9. fills liquid between the objective lens and a specimen to achieve high resolution  
 10. wide-angle lens that distorts an image to create panoramic or hemispherical image  
 13. blocks most rays of light and selects one ray of light to an object  
 14. used as a magnifier when a light, thin lens is needed