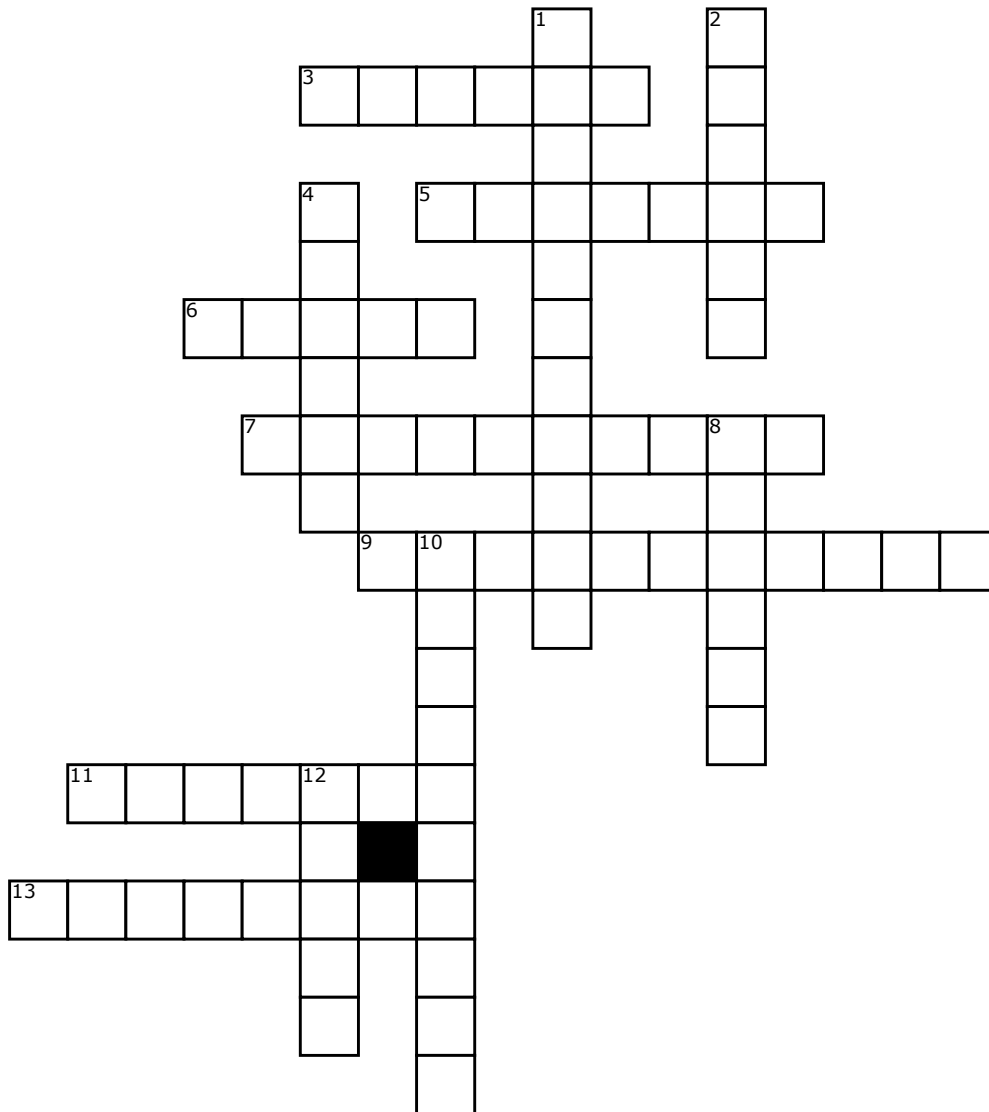


Reflection and Refraction



Across

3. Rough surfaces _____ better than shiny surfaces

5. Refraction occurs because of a difference in _____ of the two materials

6. Light traveling through air does this when it enters water

7. When light leaves one substance and enters another, the light is bending. This bending is called _____

9. If light travels through very well, the object is _____

11. These lenses are curved and hollowed out. These lenses make objects appear smaller

13. Light travels in this kind of line unless something changes it.

Down

1. This object permits some light to pass, but objects are not clearly visible.

2. Dark surfaces absorb light than light surfaces

4. These lenses are curved and rounded outward. These lenses magnify.

8. If light does not travel through an object, the object is _____

10. When light meets shiny surfaces, light changes directions and is bounced back in an equal angle, this is called _____

12. Shiny smooth surfaces reflect light at an _____