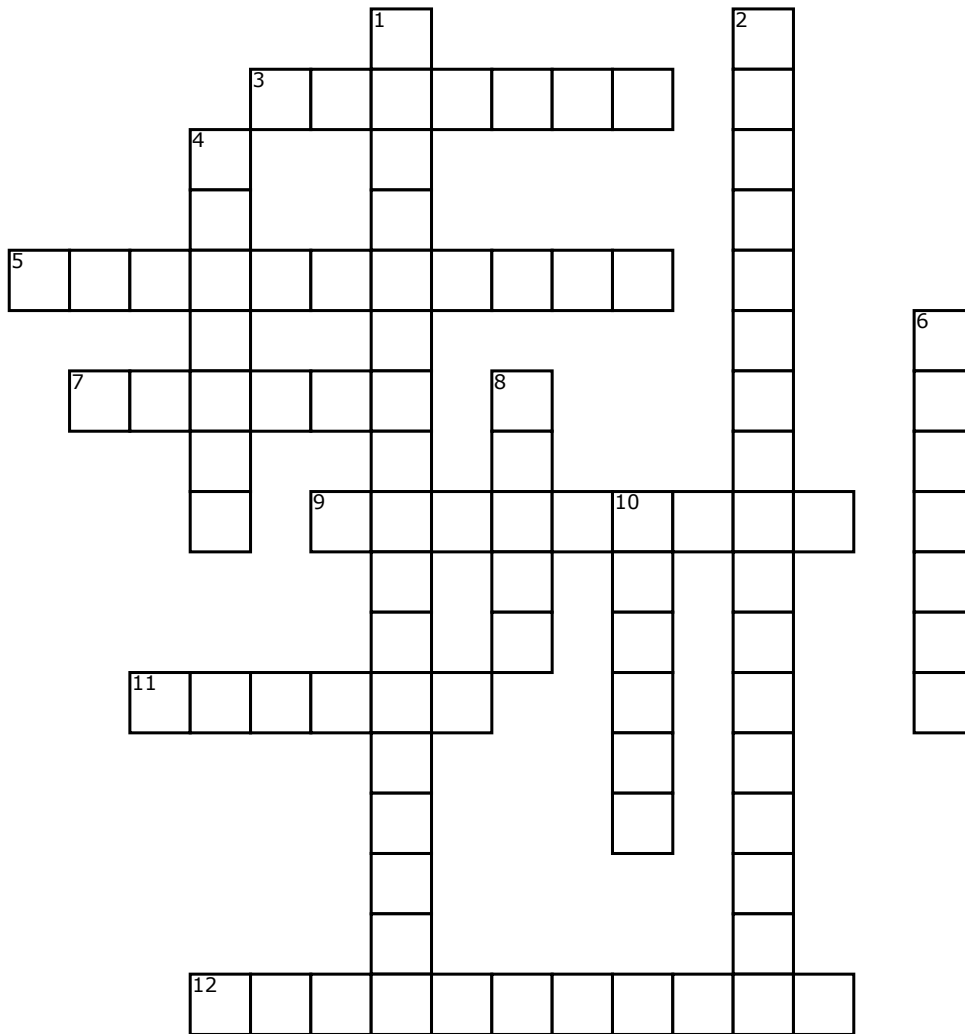


# Wave Unit



**Across**

**3.** White light is a mixture of all the colors of the \_\_\_\_\_?

**5.** Waxed paper and galatin desserts are not transparent, but they are \_\_\_\_\_.

**7.** A material that reflects or absorbs all of the light that strikes it is?

**9.** When white light shines on a white object, all the colors of light are \_\_\_\_\_.

**11.** What type of lens is a magnifying glass?

**12.** This refers to when material transmits most of the light that strikes it.

**Down**

**1.** This is when parallel rays of light hit an uneven surface.

**2.** This is when parallel rays of light hit a smooth surface.

**4.** The image of this type of mirror depends on whether the object is between the focal point and the mirror or farther away from the mirror than the focal point.

**6.** What kind of lens are glasses made of for someone who is near sighted?

**8.** The color of a transparent or translucent object is the \_\_\_\_\_ of light that passes.

**10.** This kind of mirror is like the outside of a bowl.

**Word Bank**

- |             |         |                    |                    |
|-------------|---------|--------------------|--------------------|
| color       | Rainbow | regular reflection | diffuse reflection |
| Concave     | opaque  | reflected          | convex             |
| Translucent | Convex  | Concave            | Transparent        |