



Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

### Match each of the following terms to its definition:

Concave lens

Refraction

Optical fiber

Regular reflection

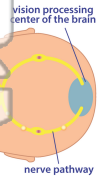
Real image

Retina

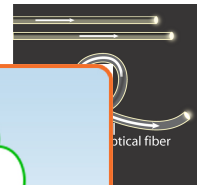
Virtual image

Optic nerve

1. \_\_\_\_\_ - the nerve that carries the image of an object from the retina to the brain



2. \_\_\_\_\_ - long, thin strands of glass or plastic that can carry light for long distances without allowing any light to escape



3. \_\_\_\_\_ coming c

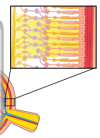


4. \_\_\_\_\_ different

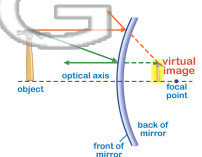
5. \_\_\_\_\_ surface

6. \_\_\_\_\_ - a light-sensitive layer of receptor cells that line the back portion of the eye

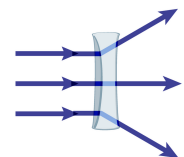
specialized receptor cells



7. \_\_\_\_\_ - an upright image formed where light rays appear to converge



8. \_\_\_\_\_ - type of lens which is thinner in the middle than on its edges and makes things look smaller



**PREVIEW**

Please [Sign In](#) or [Sign Up](#) to download the printable version of this worksheet



Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

### Match each of the following terms to its definition:

Concave lens

Refraction

Optical fiber

Regular reflection

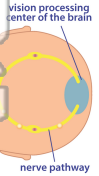
Real image

Retina

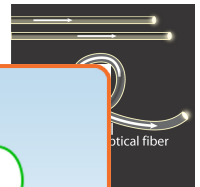
Virtual image

Optic nerve

1. **optic nerve** - the nerve that carries the image of an object from the retina to the brain



2. **optical fiber** - long, thin strands of glass or plastic that can carry light for long distances without allowing any light to escape



3. **real image** - coming from the actual convergence of light rays



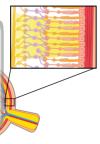
4. **refraction** - bending of light as it passes from one medium to another with a different refractive index

5. **regular reflection** - reflection from a smooth surface where the incident rays are parallel and the reflected rays are also parallel

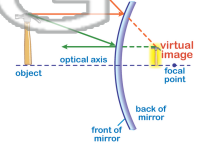
**PREVIEW**  
Please [Sign In](#) or [Sign Up](#) to download the printable version of this worksheet

6. **retina** - a light-sensitive layer of receptor cells that line the back portion of the eye

specialized receptor cells



7. **virtual image** - an upright image formed where light rays appear to converge but do not actually meet



8. **concave lens** - type of lens which is thinner in the middle than on its edges and makes things look smaller

