

Name _____

Date _____

Quiz

Light Optics



True or False? Circle T or F

1. We see objects because light is reflected from them. T or F
2. When light bounces straight off a surface, we say that it is refracted. T or F
3. When light is bent, it changes direction. T or F
4. Light travels in waves. T or F
5. When light waves slow down they change direction. T or F
6. Convex lenses make things look smaller and farther away. T or F
7. Mirror images are formed by light from the object's right side reflecting from the right side of the mirror and light from the object's left side reflecting from the left side of the mirror. T or F

Multiple Choice: Circle the letter of the best answer

8. Which of the following is not a true statement regarding light? Light can be:
 - A. Absorbed
 - B. Abstracted
 - C. Bent
 - D. Reflected
9. Which of the following refract light?
 - A. Eye glasses
 - B. Microscopes
 - C. Telescopes
 - D. All of the above
10. Which of these statements concerning the interaction of light waves with the glass of a greenhouse is correct?
 - A. Infrared is transmitted through the glass and is changed to heat.
 - B. The glass reflects ultraviolet waves.
 - C. Visible light is transmitted through the glass.
 - D. All of the above.