

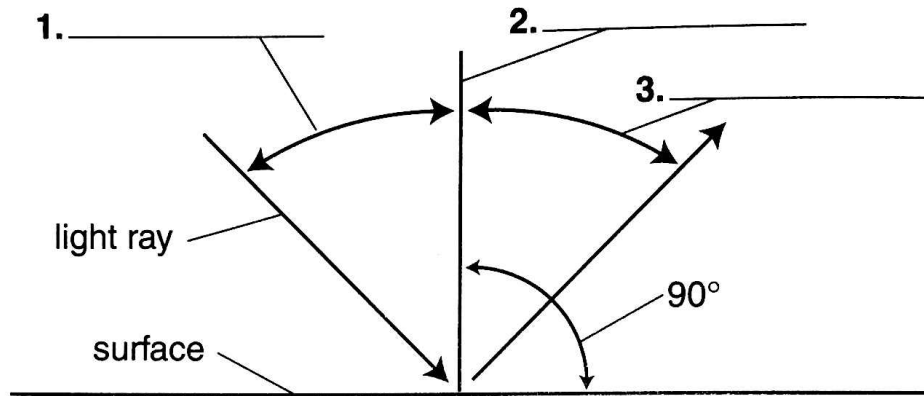
SECTION
2

Reinforcement

Reflection and Mirrors

Directions: Use the items listed below to label the diagram. Then complete the sentence that describes the diagram.

angle of incidence angle of reflection the normal



The law of reflection states that the 4. _____ of 5. _____ is equal to the 6. _____ of 7. _____.

Directions: Answer the following questions on the lines provided.

8. Light rays reflect off a rough surface.
 - a. Do the rays reflect in many directions or few? _____
 - b. What type of reflection is this? _____
9. Light rays reflect off a smooth surface.
 - a. Do the rays reflect in many directions or few? _____
 - b. What type of reflection is this? _____

Directions: Label each diagram as a **plane mirror**, a **concave mirror**, or a **convex mirror**. Draw incoming and reflecting light rays.



10. _____ 11. _____ 12. _____