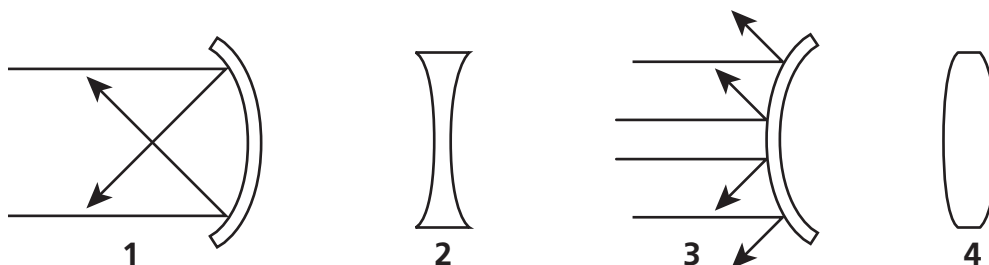


Reflection and Refraction

Understanding Main Ideas

Label each diagram with the type of mirror or lens it shows.



1. _____
2. _____
3. _____
4. _____

Building Vocabulary

From the list below, choose the term that best completes each sentence.

reflection	concave	image
lens	virtual image	convex mirror
plane mirror	concave mirror	refraction
convex	focal point	real image

5. _____ occurs when an object bounces off a surface through which it cannot pass.
6. The surface of a _____ curves inward.
7. A(n) _____ is formed when light rays meet.
8. The surface of a _____ curves outward.
9. The point at which rays parallel to the optical axis meet is called the _____.
10. A(n) _____ is right-side up.
11. A(n) _____ is flat.
12. A(n) _____ is a curved piece of glass or other transparent substance that is used to refract light.
13. A(n) _____ lens is thicker in the center than at the edges.
14. A(n) _____ lens is thinner in the center than at the edges.
15. The bending of lightwaves due to a change in speed is called _____.