NAME	DATE	CLASS
Chapter 3		Use with Section 3
REINFORCEMENT	• Refraction and Lenses	

1.–5. *Read each pair of statements. One or both of them are correct. Circle the ones that are correct. Cross out any incorrect ones.*

Light travels at the same speed in all mediums.

Light travels at different speeds in different mediums.

Refraction is the change of speed of a light wave as it moves from one medium to another. Refraction is the bending of a light wave as it moves from one medium to another.

The larger the change in the speed of a light wave, the greater its refraction.

The larger the change in the speed of a light wave, the lesser its refraction.

A lens is a transparent object with at least one curved side that causes light to refract.

A lens is a transparent object with two curved sides that cause light to refract.

A convex lens is also called a converging lens.

A concave lens is also called a diverging lens.

Identify each statement as describing a convex lens, a concave lens, or both.

6.	A lens that is thicker in the center than at the edges
7.	A lens that is thicker at the edges than in the center
8.	Causes light rays passing through it to meet at a focal point
9.	Has an optical axis
10.	An object more than two focal lengths from the lens will have an inverted image
11.	Causes light rays passing through it to diverge
12.	Causes light rays passing through it to refract
13.	Used to correct nearsightedness
14.	Used to correct farsightedness
15.	Creates a focal point