

## Chapter 20

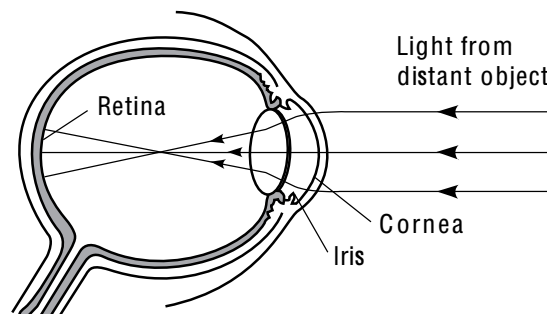
Use with Text Pages 564–567

## REINFORCEMENT

## ● The Optics of Lenses

In the blank at the left, write the term that correctly completes each statement.

- \_\_\_\_\_ 1. A type of lens used to correct nearsighted vision is a(n) \_\_\_\_\_ lens.
  - \_\_\_\_\_ 2. All lenses have a special property. This property is the ability to \_\_\_\_\_ light.
  - \_\_\_\_\_ 3. A magnifying glass is an example of a(n) \_\_\_\_\_ lens.
  - \_\_\_\_\_ 4. With normal vision, the image of an object should focus on the part of the eye called the \_\_\_\_\_.
  - \_\_\_\_\_ 5. The problem of blurry vision from \_\_\_\_\_ results from an uneven surface of the cornea.
6. Nearsighted vision is the result of the images of objects being focused in front of the retina.



Draw the type of lens in front of the eye below that would be used to correct nearsighted vision. Draw a ray diagram to show how this type of lens corrects nearsighted vision.

