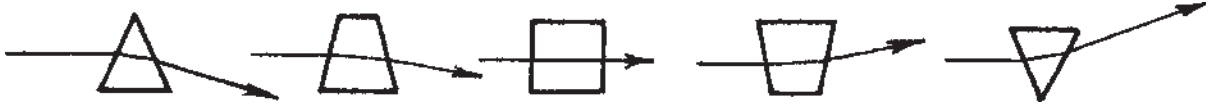


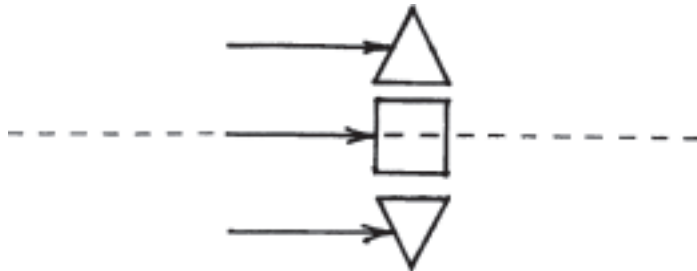
**Concept-Development  
Practice Page** **30-2**

***Lenses***

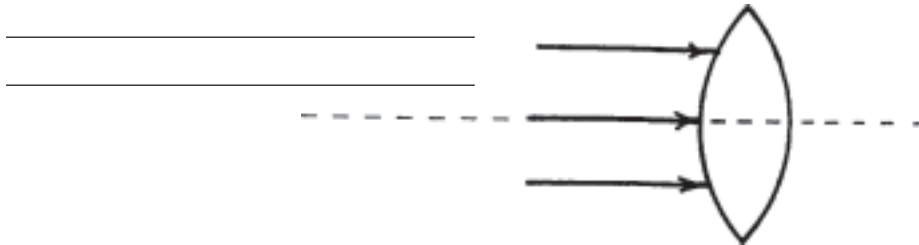
Rays of light bend as shown when passing through the glass blocks.



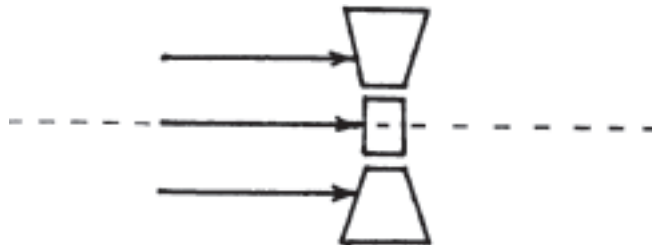
1. Show how light rays bend when they pass through the arrangement of glass blocks shown below.



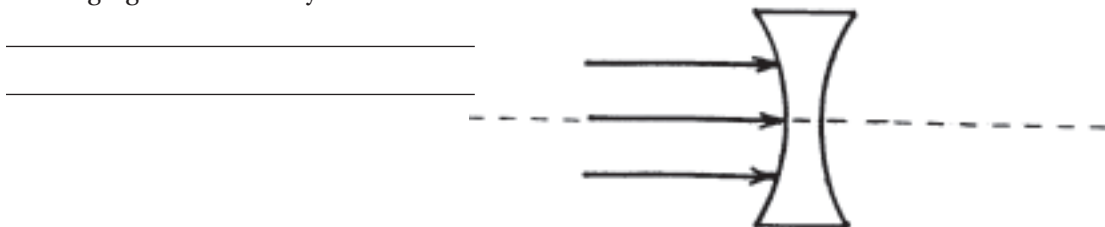
2. Show how light rays bend when they pass through the lens shown below. Is the lens a converging or a diverging lens? What is your evidence?



3. Show how light rays bend when they pass through the arrangement of glass blocks shown below.



4. Show how light rays bend when they pass through the lens shown below. Is the lens a converging or a diverging lens? What is your evidence?

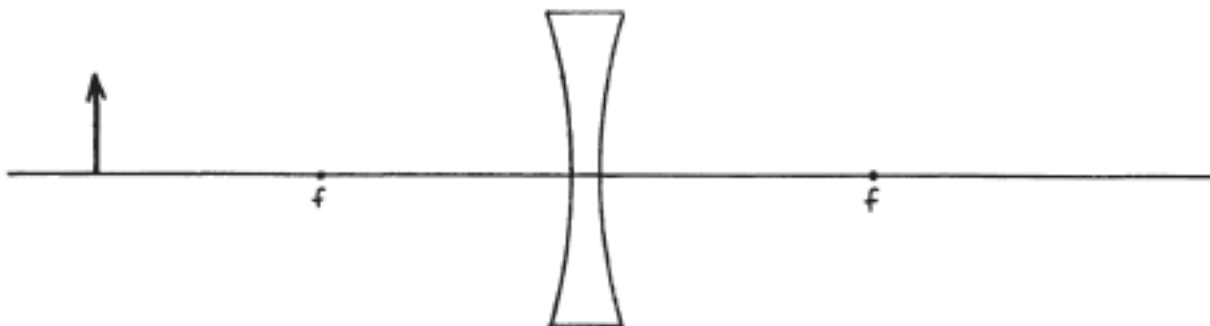
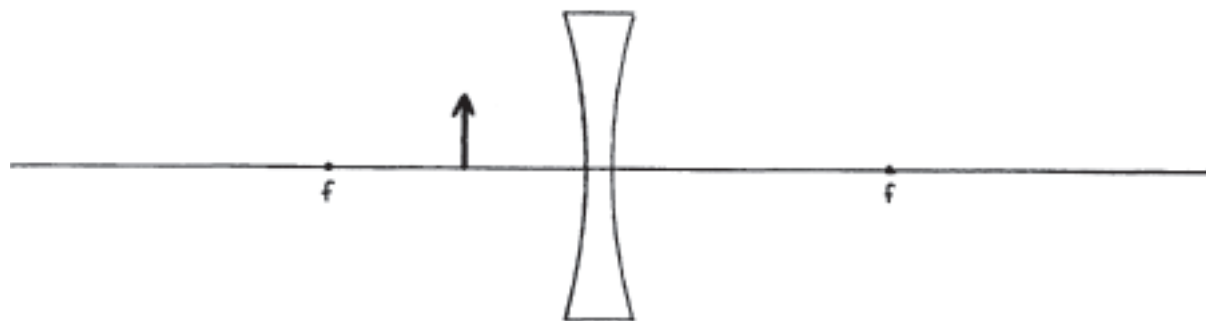
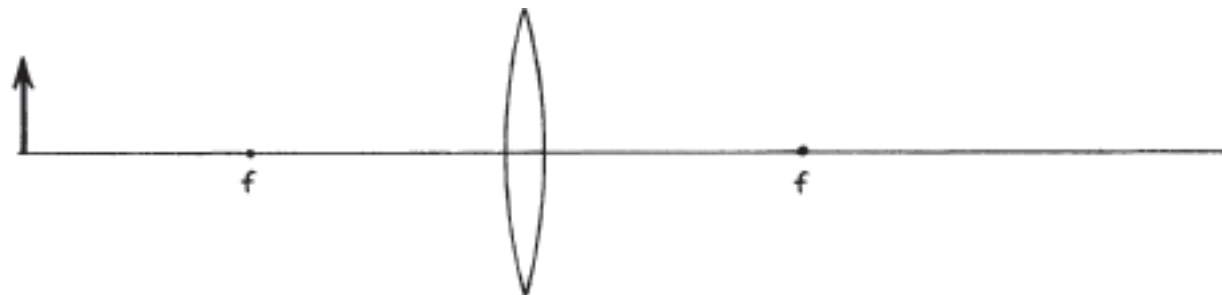


© Pearson Education, Inc., or its affiliate(s). All rights reserved.

5. Which type of lens is used to correct farsightedness? \_\_\_\_\_

Nearsightedness? \_\_\_\_\_

6. Use the ray-diagram technique (described in Section 30.3 of your text) to find the location and relative size of the arrow's image for each of the lenses below.



**CONCEPTUAL PHYSICS**