



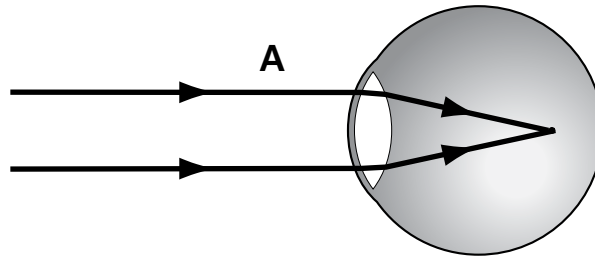
Name: Form:

See pages 18 and 19 of *How we see things*

Glasses

Most people will need the help of eyeglasses during their lives. This is what they do.

Q1. In eye A, the lens of the eye brings the light rays into focus before they reach the back of the eye.



(i) What kind of eye disorder is shown in eye A?



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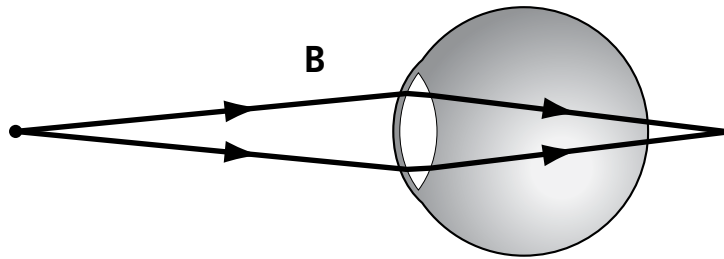
(ii) What kind of lens is needed to correct this disorder? Draw and label its shape next to the eye.

(iii) How will the lens alter the place where the light rays focus?



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Q2. In eye B the lens brings the light rays into focus after they reach the back of the eye.



(i) What kind of eye disorder is shown in eye B?



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(ii) What kind of lens is needed to correct this disorder? Draw and label its shape next to the eye.

(iii) How will the lens alter the place where the light rays focus?



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Q3. Name two things which are used in making lenses from glass.



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Q4. How do plastic lenses differ from glass lenses?



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