

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Light

Q1. Two mirrors meet at right angles. A ray of light is incident on one at an angle of  $30^\circ$  as shown in figure. Draw the reflected ray from the second mirror.

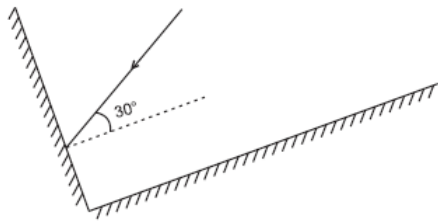


Image from NCERT

Ans. \_\_\_\_\_  
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\_\_\_\_\_  
\_\_\_\_\_

Q2. What are the functions of the following parts of the eye?  
Iris, Eye-lens, Retina and Optic nerve

Ans. \_\_\_\_\_  
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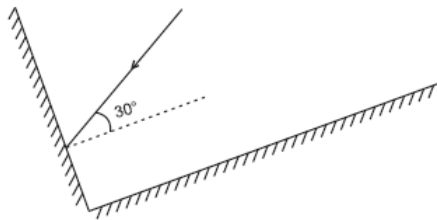
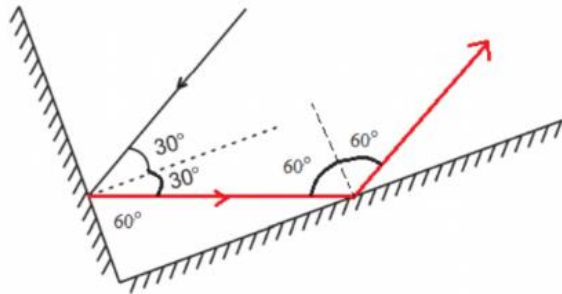


Image from NCERT

Ans.



- Q2. What are the functions of the following parts of the eye?  
Iris, Eye-lens, Retina and Optic nerve

Ans. Iris - Iris controls the size of the pupil. The iris is the part of that eye which gives it its distinctive colour.

Eye-lens - The lens focuses light on the back of the eye, on a layer called retina.

Retina - Retina receives the light focused by the lens. Retina contains several nerve cells. Sensations felt by the nerve cells are then transmitted to the brain.

Optic nerve - The job of the optic nerve is to transfer visual information from the retina to the brain.