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Physics Homework

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Class - 6 Sec - B

1. What is a rectilinear propagation of light?

Ans - The motion of the light in a straight line path is called rectilinear propagation.

2. ~~What is rectilinear propagation of light?~~

Ans:

2. What is pin hole camera?

Ans: A pin hole camera is a simple application of the rectilinear propagation of light.

3. State two factors which affect the size of image formed in a pin hole camera.

Ans: • The distance of screen (i.e. tracing paper) from the pin hole camera.
• The distance of object (i.e. candle) in front of the pin hole camera.

4. State characteristics of the image formed by the pin hole camera?

Ans: • It is real i.e. it is formed on the screen.
• It is inverted or upside down.
• It is generally smaller in size than the object (because the object is far away from the pin hole camera than the screen).