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1. What is rectilinear propagation of light?

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

2. What is pin hole camera?

ans- Pin hole camera is a simple application of the rectilinear propagation of light. It was invented to see the solar eclipse without directly looking towards the sun.

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

ans- The two factors which affect the size of image in pin hole camera are:

1. The distance of screen from the pin hole.

2. The distance of object in front of the pin hole.

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

ans The characteristics of the image formed by the pin hole camera are:

1. It is real. It is formed on the screen.

2. It is inverted or upside down.

3. It is generally smaller than the object, as the object is far away ~~far~~ from the pin hole than the screen.