

A) The image in a pin hole camera has the following characteristics:

- The image in a pin hole camera is inverted (upside down) as compared to the object.
- The image in a pin hole camera is real (because it can be formed on a screen)

1. What is rectilinear propagation of light?

A) The tendency of electromagnetic waves (light) to travel in a straight line

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2) What is pin hole camera?

A) A camera with a pinhole aperture and no lens.

3) State two factors which affect the size of image

formed in a pin hole camera.

A) The size of the image depends on the following

two factors:

The distance of screen (i.e. tracing paper)

from the pin hole, and

the distance of the object (i.e. candle) in front of the pin hole.

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