

1.A The motion of light in a straight line path is called the rectilinear propagation of light.

2.A A pinhole camera is a simple camera, without lens, in the shape of a box. One of the sides ~~have~~ has a small hole and it produces an inverted ~~a~~ image of the outside world at other side.

3.A The size of an image depends on the following two factors:

1) The distance of screen (i.e. tracing paper) from the pin hole, and

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

4. Characteristics of the image formed by the pin hole camera

1) It is real i.e. it is formed on the screen.

2) It is inverted or upside down.

3) It is generally smaller in size than the object (because the object is far away from the pin hole than the screen).

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