

Name: _____ Date: _____

Light, Shadows and Reflections

Q1. Does cloud transmit light?

Ans. _____

Q2. How can you convert a transparent glass sheet into a translucent glass sheet?

Ans. _____

Q3. Why are the moon and the planets considered as non-luminous objects?

Ans. _____

Q4. Why light is essential to sustain life of human beings, animals and plants?

Ans. _____

Light, Shadows and Reflections

Q1. Does cloud transmit light?

Ans. Yes, as they are made up of vapor they can transmit light as well as reflect it. That is why sometimes we are able to see sun or moon behind the clouds.

Q2. How can you convert a transparent glass sheet into a translucent glass sheet?

Ans. We can convert a transparent glass sheet into a translucent glass sheet in the following ways:

- i. By covering one side of the sheet with butter paper.
- ii. By applying oil on one side of the sheet.

Q3. Why are the moon and the planets considered as non-luminous objects?

Ans. The moon and the planets are considered as non-luminous objects because they do not produce light of their own. Instead they reflect light from the sun falling on them.

Q4. Why light is essential to sustain life of human beings, animals and plants?

Ans. Oxygen is essential for us to live, is produced by plants in the presence of sunlight. Plants cannot prepare their food in the absence of light. Both we and animal get food from plants.