

Homework
Dt 29/09/2021
Physics
Solutions

1. Reflection of light : The Phenomena of returning of light in the same medium after striking a smooth surface is called reflection of light.

2. Reflection:

1st law - The Incident ray the reflected ray and the normal, all lie on the same plane

2nd law - The Angle of Incidence is equal to Angle of Reflection.

$$\angle i = \angle r$$

3. Real Image

Virtual Image

- It can be obtained in a screen
- The rays of light after reflection meet at a point
- It is always Inverted
- It is formed in front of the mirror

- It cannot be obtained in a screen
- The rays of light after reflection appear to diverge from a point
- It is always Erect
- It is always formed behind the mirror.