

H.W  
2/11/21

# HOME ASSIGNMENT

(1)

1. Define Light.

Ans Light: It is a phenomenon that causes the sensation of vision and helps us to view the objects.

2. Define refraction of Light.

Ans The change in direction of path of light when it passes from one optically transparent medium to another, is called refraction of light.

3. Write the two laws of reflection.

Ans The two laws of ~~refr~~ reflection are

\* The incident ray, the normal at the point of incidence and the refracted ray, all lie in the same plane.

\* The ratio of sine of angle of incidence to the sine of angle of ~~reflex~~ refraction is a constant for a given pair of media.  
~~The~~ This law is also known as Snell's law.

Q. If the angle of incidence is 35 degree then find the angle of ~~reflex~~ reflection.

Ans- Angle of incidence = 35 degree.

$$\begin{aligned}\text{Angle of reflection} &= 90 - 35 \\ &= 55 \text{ degree}\end{aligned}$$