

PhysicsHomework

1. Define Reflection of light.

Ans. The returning of light in the same medium after striking a surface, is called reflection of light.

2. State laws of reflection.

Ans. The two laws of reflection are :-

- * The angle of incidence is equal to angle of reflection.
- * The incident ray, the normal to the mirror at the point of incidence and the reflected ray, all lie in the same plane.

3. Define Primary Colours.

Ans. The colours of light by mixing which white light is obtained is called as primary colours.

4. Differentiate real and virtual image.

Ans. Real Image :-

- * Real images are inverted.
- * Real images are formed on the screen.
- * Real images are formed due to the actual intersection of light rays.

Virtual Image :-

- * Virtual images are erect.
- * Virtual images appear to be on the lens or the mirror itself.
- * Virtual images are formed due to the imaginary intersection of light rays.