

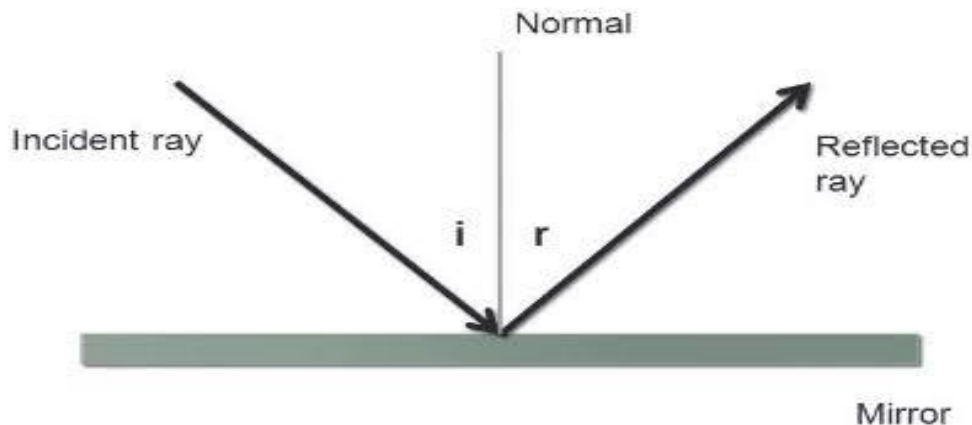
CHAPTER 4. (LIGHT- REFLECTION) (BASED ON NCERT PATTERN)

(REVISION)

Reflection of light

- The law of reflection states that:
the angle of incidence = the angle of reflection

$$i = r$$

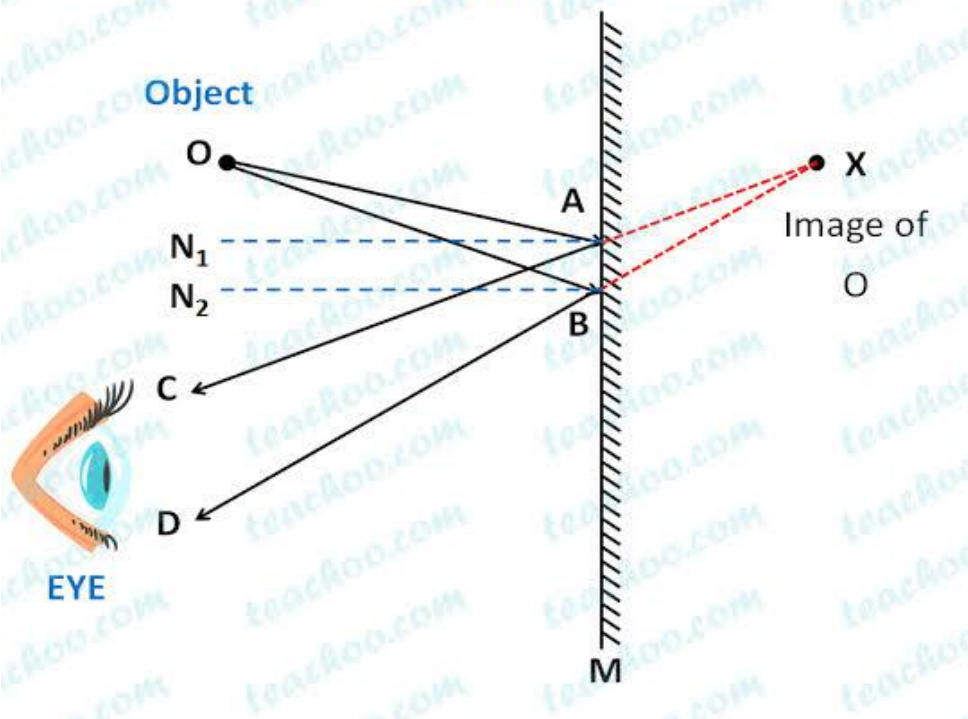


Laws of Reflection

There are two laws of reflection and they are:

- The angle of incidence and the angle of reflection are always equal.
- The incident ray, the normal at the point, and the reflected ray, all lie on the same plane.

Formation of Image in a Plane Mirror



Properties of an image formed by plane mirror

- The image obtained is virtual.
- The image is laterally inverted.
- The image is erect.
- The size of the image is the same as the size of the object.
- The distance between the image obtained is the same as the distance between the object from the mirror.