

# Ray Optics

## # Refraction

The phenomenon of change of path of light when it goes from one medium to another is called refraction.

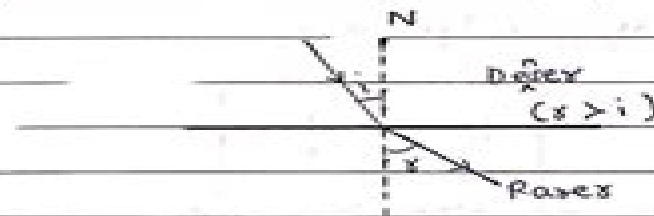
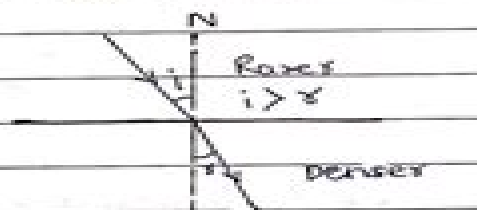
### • Laws of refraction -

- 1) The incident ray, the refracted ray and the normal to the reflecting surface at the point of incidence, all lie in the same plane.
- 2) The ratio of sine of the angle of incidence to the sine of the angle of refraction is constant for the two given media.

$$\text{i.e. } \frac{\sin i}{\sin r} = \mu_b$$

The constant  $\mu_b$  is called refractive index of medium b wrt medium a.

This law is also called Snell's law of refraction.



### NOTE:-

- 1) If light travels from rarer to denser medium, then it bends towards the normal.
- 2) If light travels from denser to rarer medium, then it bends away from the normal.

# Class 12 Physics Ray Optics Notes Expoll

**Sabine Zange**



## **Class 12 Physics Ray Optics Notes Expoll:**

## Reviewing **Class 12 Physics Ray Optics Notes Expoll**: Unlocking the Spellbinding Force of Linguistics

In a fast-paced world fueled by information and interconnectivity, the spellbinding force of linguistics has acquired newfound prominence. Its capacity to evoke emotions, stimulate contemplation, and stimulate metamorphosis is actually astonishing. Within the pages of "**Class 12 Physics Ray Optics Notes Expoll**," an enthralling opus penned by a very acclaimed wordsmith, readers embark on an immersive expedition to unravel the intricate significance of language and its indelible imprint on our lives. Throughout this assessment, we shall delve in to the book is central motifs, appraise its distinctive narrative style, and gauge its overarching influence on the minds of its readers.

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