REFRACTIVE INDEX EXPLAINED

$$n = \frac{c}{v}$$

The refractive index (n) of a medium is defined as:
The speed of light in a vacuum (c) divided by the speed of light in the medium (v)

n = Refractive index (Index of refraction) of a medium
c = Speed of light in a vacuum = 299,792 kilometres per second
v = Speed of light of a medium = less than 299,792 kilometres per second

Optically rare material (eg. air) = smaller refractive index = faster medium
Optically dense medium (eg. glass) = larger refractive index = slower medium
Faster medium (air) = smaller Index of refraction. Slower medium (glass) = larger Index of refraction