

# What is the S.I unit of the refractive index?

A. meter

B. kg

C. watt

**D. no unit**

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## **Explanation:**

### **What Is Refraction:**

Refraction is the bending of light. It occurs when light moves from one medium to another, causing it to slow down or speed up. The refractive index is a measure of how much refraction or bending of light occurs.

*What is the S.I unit of the refractive index?*

## **Reason:**

The refractive index has no units due to the same quantities. These units cancel each other when calculating the value.