

A92: The Index of Refraction

Tutorial: <https://youtu.be/V6Gpu7n811Q>

Part II: Big Idea (10:29 - 10:39 | Groups)

Now, you will figure out the mystery material by calculating its index of refraction n ! In the space below, stand your block on edge and trace around the perimeter as seen on the video I sent you yesterday.



1. Construct and label a proper normal line
2. Construct the incident light beam at $\theta_i = 46^\circ$
3. Construct the refracted light beam
4. Use Snell's Law to calculate the refracted angle