Chapter Name :	Human Eye & The Colourful World
HW Topic :	Question 1 - Can a beam of white light when passed through a hollow prism give spectrum? Explain. Question 2 - Why do different components of white light deviate by a different amounts when passed through a Prism? Question 3 - The angle of Prism is 60 degrees. What is the angle of incidence for minimum deviation for the prism with refractive index √2.
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Worksheet

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1) Can a beam of white light when passed through a hollow prism through a hollow prism give spectrum) Explain

yes if the beam of light will be passed through a hollow prism. it it contain all the VIBGYOR light meeting to form white light

2) different components of white light deviate by a different amount when passed through the lenth as per their natural wave length

Q2 We are given that the refractive index of the prism is $\sqrt{2}$ and the angle of the prism is given 60° so, keeping this in mide by using refractive index formula it will be a 45°