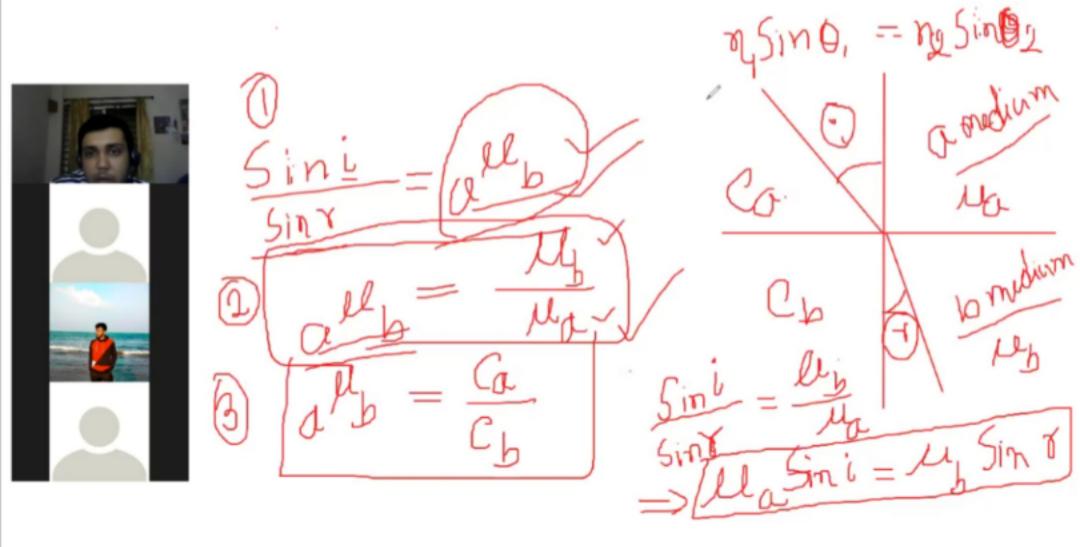
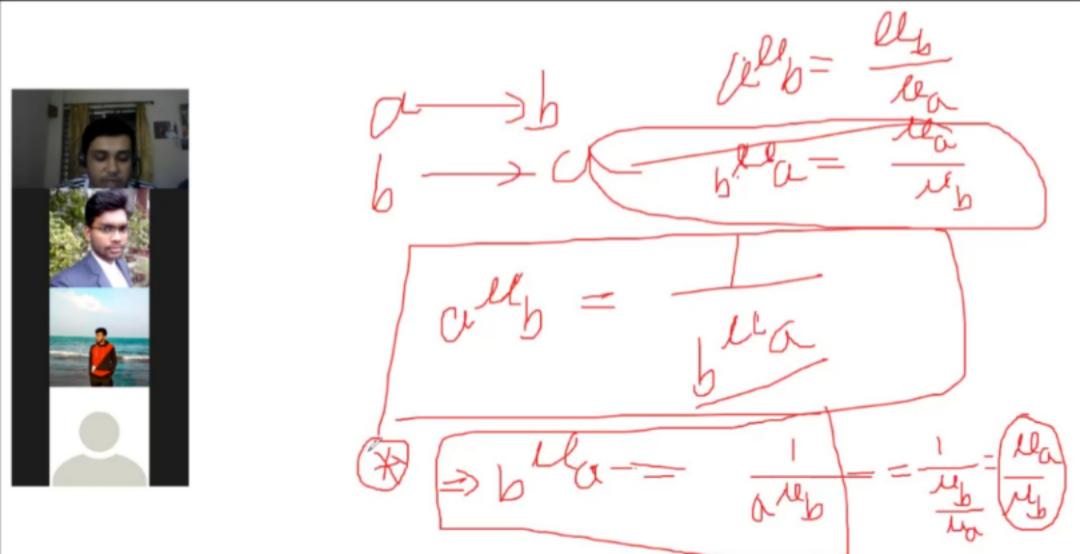
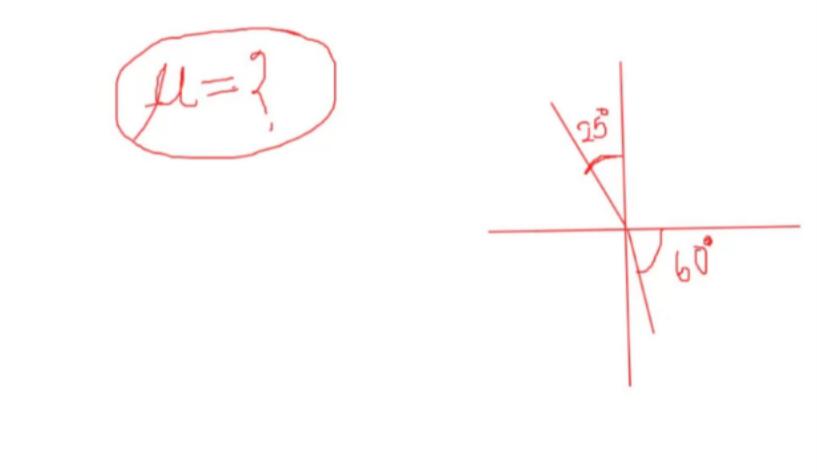
lighter medium Denser medium lighter medium **Denser medium** 







## The refractive index of glass is 1.5. Find the speed of light in glass?

$$\frac{1}{3.8} = \frac{Ca}{C_{4}}$$

$$\frac{1.5}{1.5} = \frac{3.8 \times 10^{8}}{1.5 \times 10^{8}}$$

$$\frac{3.8 \times 10^{8}}{1.5 \times 10^{8}}$$

Immersed coin in a vessel of water

**Atmospheric refraction** 

the critical angle of water is 48.2. Find its refractive index