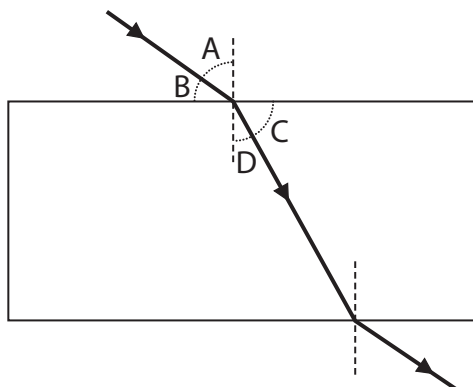


11 A student plans to measure the refractive index of glass.

She traces a ray of light through a glass block as shown in the diagram.



(a) Which letter represents the angle of refraction?

(1)

- ☐ A
- ☐ B
- ☐ C
- ☐ D

(b) Explain how the student can use the glass block to find an accurate value for the refractive index of glass.

(4)

(Total for Question 11 = 5 marks)

