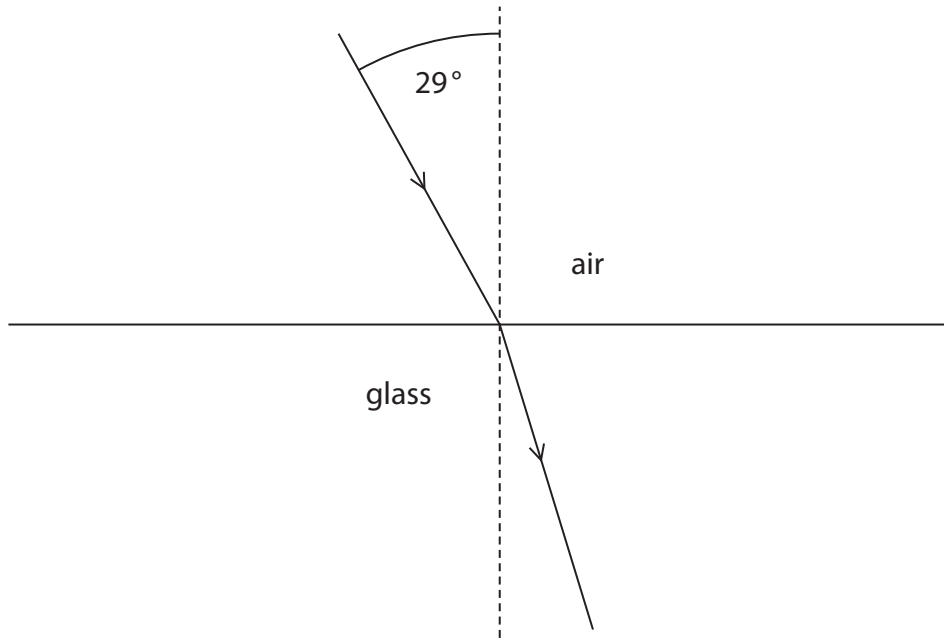


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- 6 The diagram shows a ray of light travelling from air into glass.



- (a) Use a protractor to determine the angle of refraction.

(1)

angle of refraction = ..... degrees

- (b) State the formula linking refractive index, angle of incidence and angle of refraction.

(1)

- (c) Calculate the refractive index of this glass.

(3)

refractive index = .....

**(Total for Question 6 = 5 marks)**

