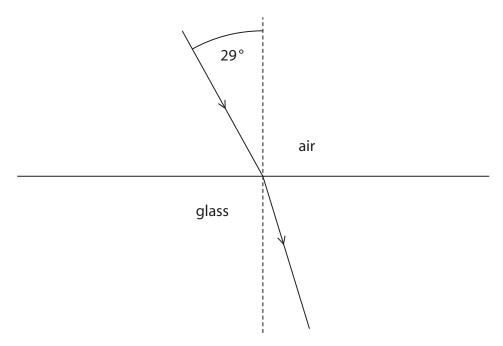**6** The diagram shows a ray of light travelling from air into glass.

(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)