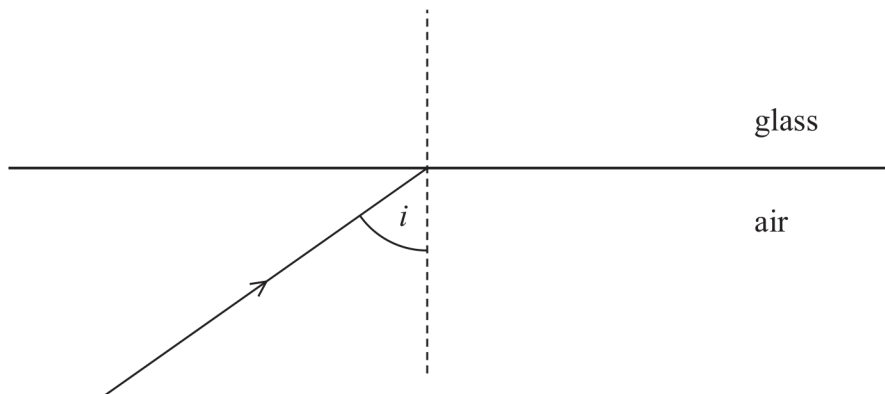


- 3 A ray of light approaches a boundary between air and glass, as shown.

The angle of incidence is i .



Which of the following statements about total internal reflection (TIR) is correct for the ray of light at this boundary?

- ☒ A TIR cannot take place.
- ☒ B TIR takes place if i is equal to the critical angle.
- ☒ C TIR takes place if i is greater than the critical angle.
- ☒ D TIR takes place if i is less than the critical angle.

(Total for Question 3 = 1 mark)