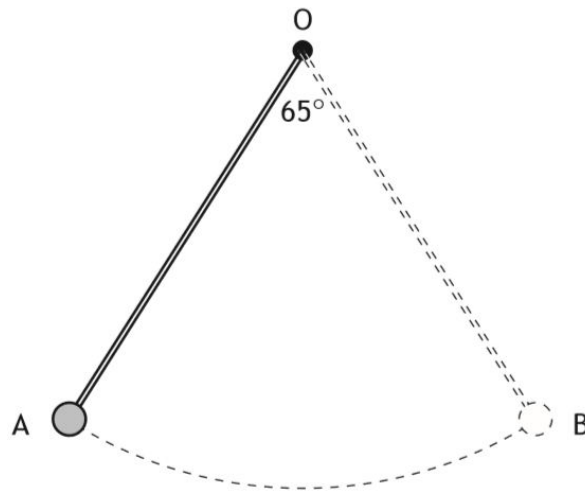


**Qualification:** SQA National 5 Mathematics 2015

**Paper:** 2 (Calculator)

**Question:** 10

10. The pendulum of a clock swings along an arc of a circle, centre O.



The pendulum swings through an angle of  $65^\circ$ , travelling from A to B.

The length of the arc AB is 28.4 centimetres.

Calculate the length of the pendulum.

4