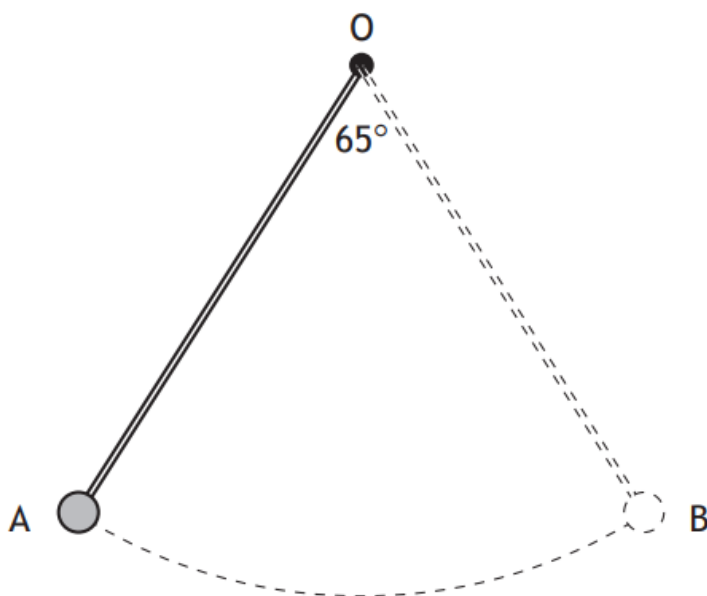The pendulum of a clock swings along an arc of a circle, centre O.

The pendulum swings through an angle of 65°, travelling from A to B.

The length of the arc AB is 28·4 centimetres.

Calculate the length of the pendulum.   **4**

Answer:

25.0 cm