16 A particle moves in a circle with constant speed.
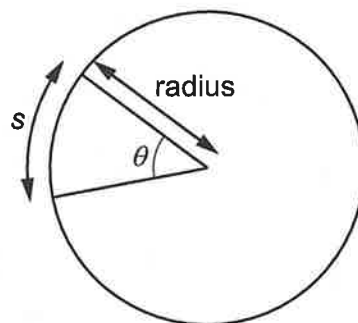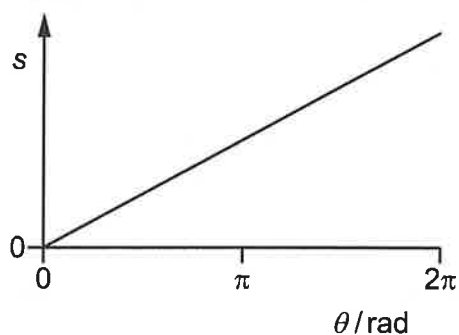

The graph shows the variation of the arc length s with the angle θ subtended at the centre of the circle.

What is represented by the slope of the graph?

A $\dfrac{1}{\text{radius of the circle}}$

B radius of the circle

C $\dfrac{1}{\text{angular velocity}}$

D angular velocity