

**20** An object moves in a circular path, of diameter  $d$  in metres, at uniform speed.

It makes  $n$  revolutions every second.

What is the angular velocity of the object in  $\text{rad s}^{-1}$ ?

A  $\pi \times n \times d$

B  $\frac{(2 \times \pi)}{n}$

C  $2 \times \pi \times n$

D  $\frac{(\pi \times d)}{n}$

