

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

