

- 8 A toy aeroplane is travelling in a circular path. The toy aeroplane completes 12 revolutions in 6 s.

Which of the following gives the angular velocity, in rad s^{-1} , of the toy aeroplane?

☐ A $\frac{12 \times \pi}{6}$

☐ B $\frac{12 \times 2\pi}{6}$

☐ C $\frac{6 \times \pi}{12}$

☐ D $\frac{6 \times 2\pi}{12}$

(Total for Question 8 = 1 mark)