

**11** The minute hand of a large clock is 3.00 m long.

What is the magnitude of its angular velocity?

A  $1.39 \times 10^{-4} \text{ rad s}^{-1}$

B  $1.75 \times 10^{-3} \text{ rad s}^{-1}$

C  $5.24 \times 10^{-3} \text{ rad s}^{-1}$

D  $1.05 \times 10^{-1} \text{ rad s}^{-1}$

