

8 A roundabout completes 5.0 revolutions in 20 s.

Which of the following is the angular velocity of the roundabout?

☐ **A** 1.6 rad s^{-1}

☐ **B** 16 rad s^{-1}

☐ **C** 25 rad s^{-1}

☐ **D** 630 rad s^{-1}

(Total for Question 8 = 1 mark)