9  A marble moves in a circular path of radius 0.80 m at an angular speed of $\frac{\pi}{2}$ rad s$^{-1}$. At $t = 0$, it passes by point P.

What is its displacement from P at $t = 6.0$ s?

**A**  1.1 m  **B**  1.6 m  **C**  7.5 m  **D**  9.4 m