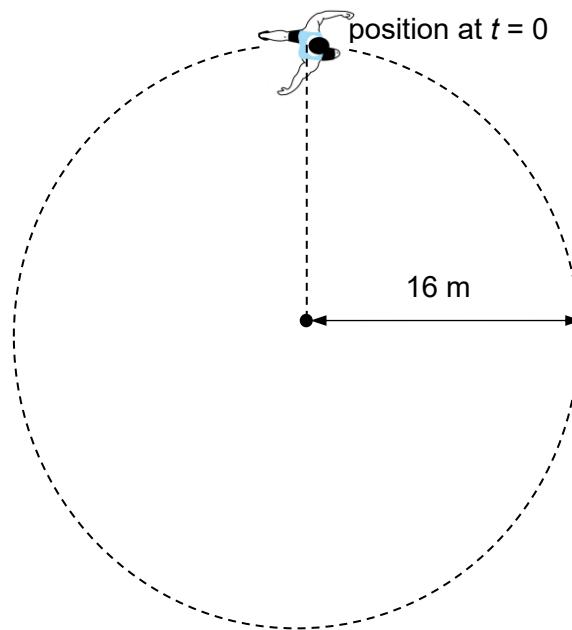


- 7 A man runs around a circular track of radius 16 m. His position at $t = 0$ s is as shown.
It may be assumed that he maintained a constant speed of 8.4 m s^{-1} throughout the run.



What is the angular displacement of the man at $t = 8.0$ s?

- A 2.1 rad B 4.2 rad C 5.8 rad D 8.4 rad

- 8 A stone tied to a string is moving in a circular path. The speed of rotation is increased.