



5. A 0.3 m radius wheel rotates 5 times. What is its angular displacement? How far will it move?

6. Find the angular velocity of a wheel that rotates 6 times every 4 seconds.

b. What is the tangential velocity of the outside of the wheel if radius is 15 cm?

7. A 40 cm radius wheel is rotating at 20 rad/sec. How fast is this wheel moving across the ground?

b. How far (in meters) will this wheel move in 6 seconds?