

- Q1: A bicycle wheel (radius <u>r</u>) rolls a distance <u>d</u> in time <u>t</u>. What is its angular velocity in radians per second?
- A)  $\omega = d/(rt)$
- B)  $\omega = d/(2\pi rt)$
- C)  $\omega = 2\pi r/t$
- D)  $\omega = 1/2 \text{ md}^2$
- E)  $\omega = 1/2 r t^2$

