

47. (a) Car cum form $G = 2\pi r.5 = 31.42 \text{ m}$.

So speed at edge is $\Delta x = 31.42 \text{ m}$. $\Delta t = \frac{31.42}{360} = 0.087 \text{ m}$. b) F = MV = 65 × 0.0872 = 0.010 N.