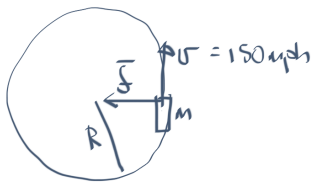


Race track



$$f = ma$$

$$\mu N = m \frac{v^2}{r}$$

$$\mu mg = m \frac{v^2}{r}$$

$$\mu = \frac{v^2}{r g}$$

$$\mu \approx 1.59$$

This is the  
minimum  
coefficient  
of friction.