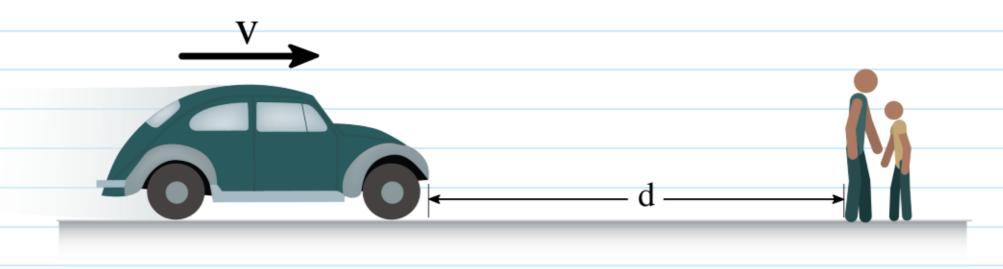
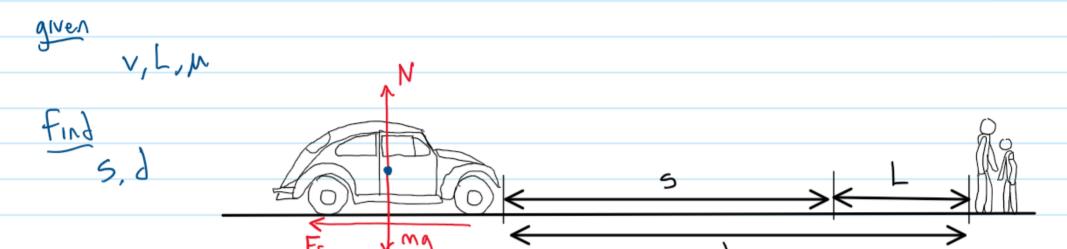
21-P-WE-GD-007





A car is travelling at V when the driver notices two people standing in the road. The driver stams on the brakes and skids to a stop L m away. If the coefficient of Kinetic Friction between the tires and the road is u, how far away was the driver when they started braking?



Force Equilibrium

$$T_1 + 2U_{1\rightarrow 2} = \overline{Y}_2^0$$

$$d = L + \frac{\sqrt{2}}{2mq}$$