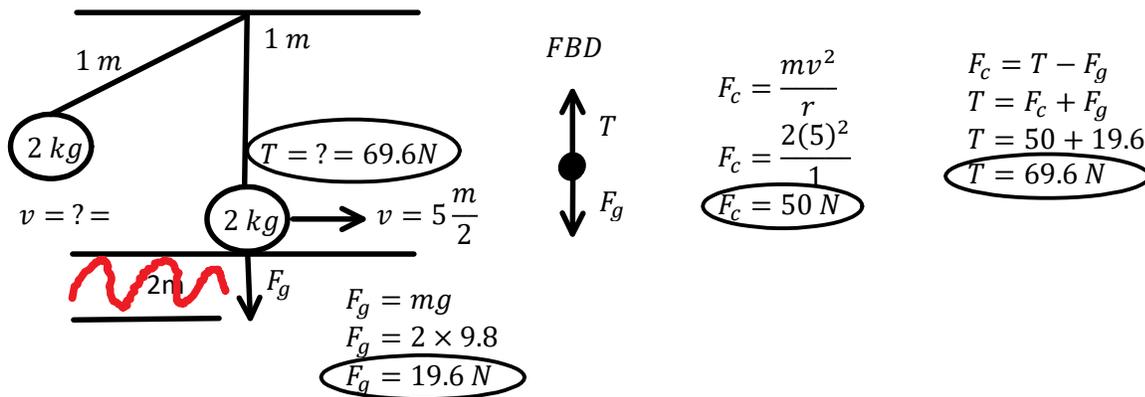


P12 - 7.5 - Pendulum Car Flat Circle Notes

F_c : Centripetal, The sum of the forces towards the centre minus the ones away (not in FBD!)

Find tension force at bottom.



It takes 20 s for a car of $m = 2000\text{ kg}$ to drive around a circular track with a $r = 15\text{ m}$. Find v of the car. Find the "a" of the car. Find the Centripetal Force on the car.

