



Todays Gool

- Eguiliboium.

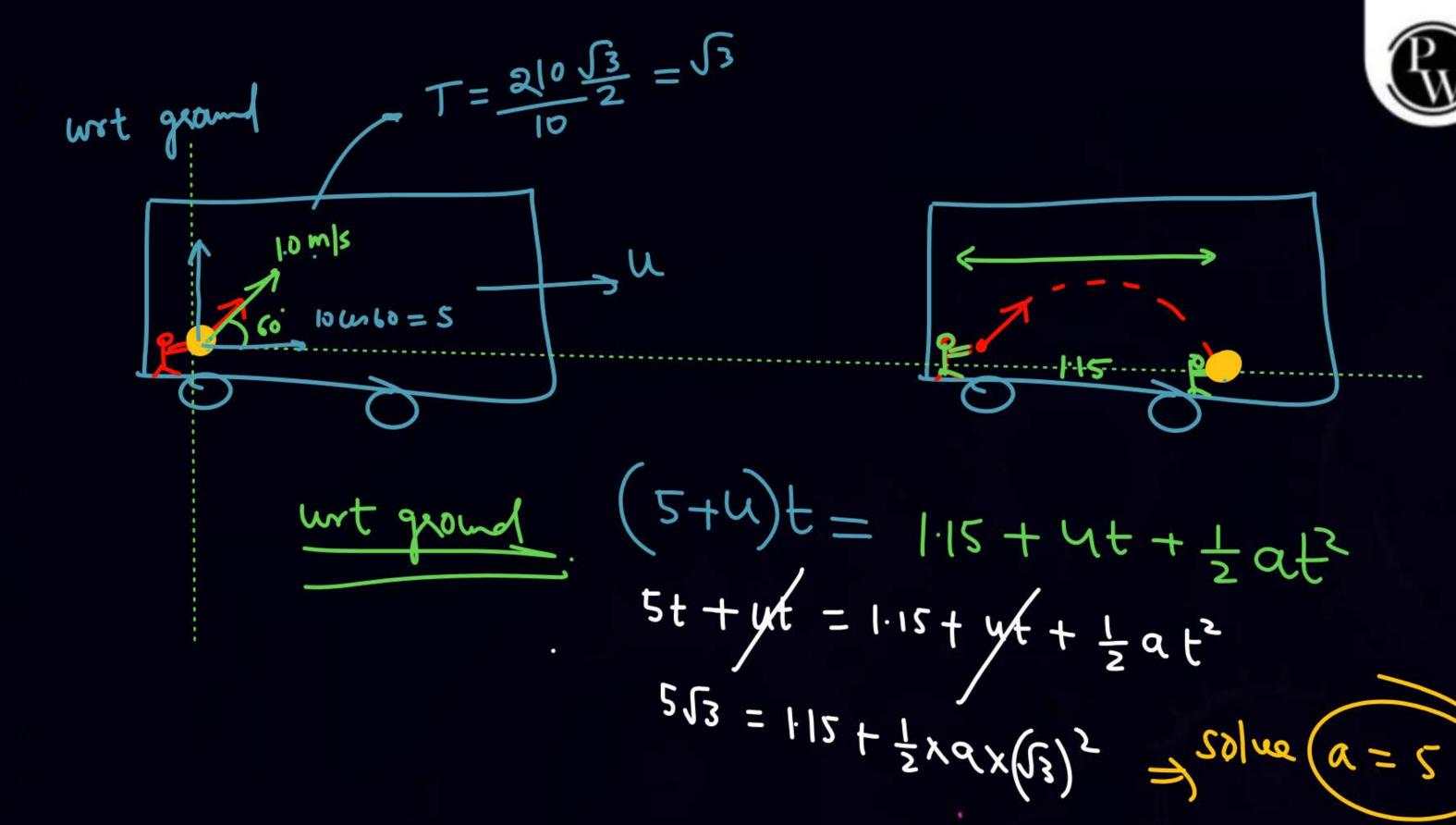
1. A train is moving along a straight line with a constant acceleration 'a'. A boy standing in the train throws a ball forward with a speed of 10 m/s, at an angle of 60° to the horizontal. The boy has to move forward by 1.15 m inside the train to catch the ball back at the initial height. The acceleration of the train, in m/s², is
[IIT-JEE 2011]

एक ट्रेन समान त्वरण 'a' से एक सीधी रेखा पर चल रही है। ट्रेन में खड़ा एक लड़का 10 m/s के वेग से क्षैतिज से 60° के कोण पर एक गेंद आगे की ओर फेंकता है। लड़का ट्रेन में 1.15 m आगे चलकर गेंद को उसकी आरंभिक ऊंचाई पर

पकड़ता है। ट्रेन के त्वरण का मान m/s² में है।

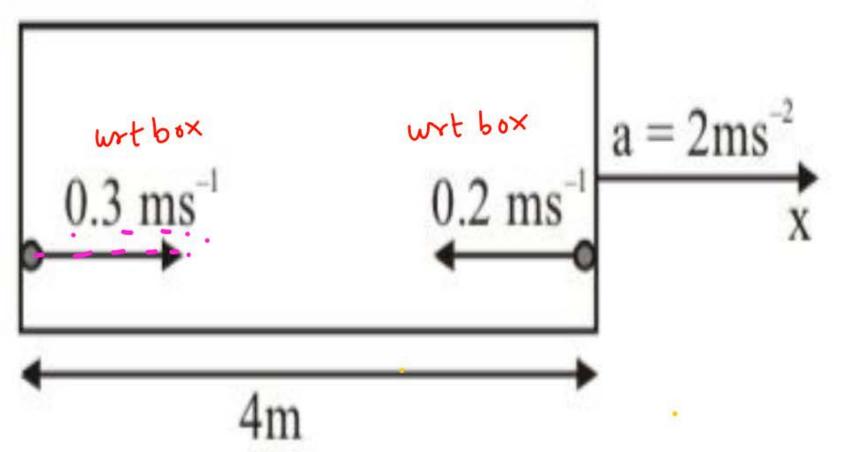
$$\frac{\partial u}{\partial t} = u + \frac{1}{2} a + 1.15$$

1

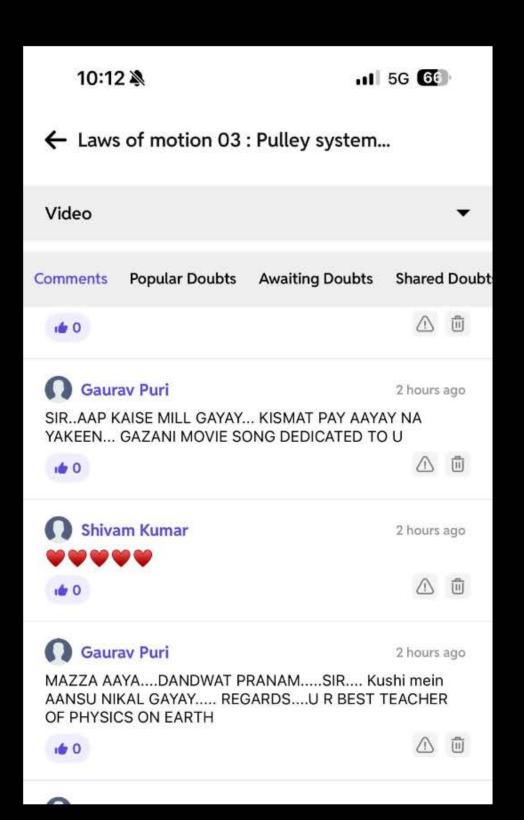


3 m/s - a

A rocket is moving in a gravity free space with a constant acceleration of 2 ms⁻² along + x direction (see figure). The length of a chamber inside the rocket is 4m. A ball is thrown from the left end of the chamber in + x direction with a speed of 0.3 ms⁻¹ relative to the rocket. At the same time, another based is thrown in -x direction with a speed of 0.2 ms⁻¹ from its right end relative to the rocket. The time seconds when the two balls hit each other is









2 hours ago

sir it is my 4 th drop to but aal tak physics itna ache se kabhi samajh nahi jitna ab samajh aarha hai and questions bhi solve ho rahe hat...thanku so much sir..kash pehele hi aapse padhne ka mauka kabhi Mila hota....but this year definitely I will clear neet 2026 does ...once again thanks a lot sir....







2 hours ago

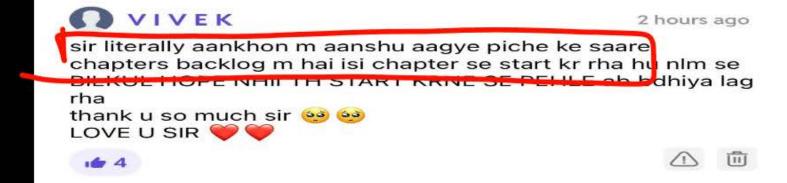
Thanku soooooo much sir v no.1 teacher in whole world













2 hours ago

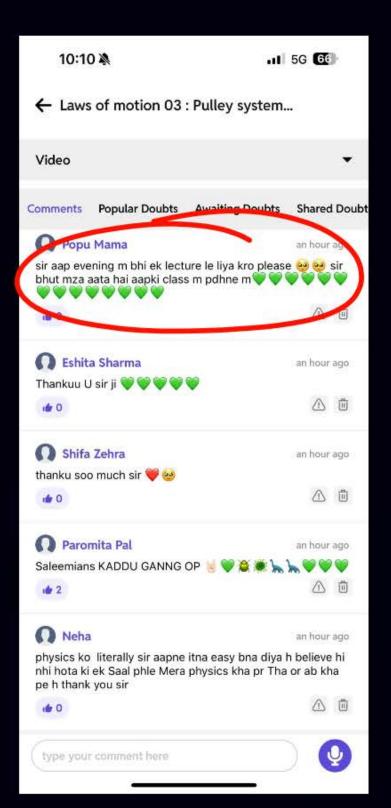
Kal tak mai pulley se dar ta raha, ab pulley dekh kar hasi aa rahi hai. Thank you so much Sir for this amazing lecture 😄

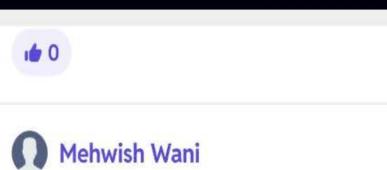












an hour ago

"Thank you so much, Alakh Sir, For assigning Saleem Bhai as our teacher for physics. Earlier, physics seemed really tough, but now it feels very easy. Thank you, Saleem Bhai . Many students used to struggle with physics in NEET, but now it's all possible. 🤚 🤎



Popu Mama

tuti tuti 🤡 🤡 🤡





an hour ago







Mohd Hamza Isma...

39 minutes ago

thank youuuu soo muchhh sirrr I was really laughing at myself while solving these questions like how scared I was before doing such type of guestion and now I am playing with these questions all credits goes to u saleem sir I am thankful u came in our life thank you sir lots of respect for you!!! ~







39 minutes ago

Sir mai pichle saal kota gya tha offline padhne itna conceptually padhai to offline me bhi nhi hoti thank you sir

16 2







40 minutes ago

thank u so much sir A







42 minutes ago

thank you so much sir 💗 💗 💗 💗









23 minutes ago

sir bht emotional feel ho rha h aaj ka lecture bitt bhtt acha Iga literally esii feel kbhi nhi aayi NLM chapter ki ...thankyou so much guruji vovo you are the best Saleen bhaiya last k questions me to aag hi Iga di sir apne 100 100 100









27 minutes ago

sir sach m bhut dar lgta tha phle yeh question dekhker.....or aaj bhut simple lag rhe h thank you so much sir...









27 minutes ago

freestyle coach of physics







Aradhya Gupta

27 minutes ago

sir aap itna achha padhate hai ki mn krta sirf physics hi padhu thank uu so much sir love from Lucknow











Keshav Medics

17 minutes ago

sir jii appse physics padhkar mere aankhon me aansu aa gaye sach me mera doctor banne ka sapna aap se hi poora hoga. bilkul sir aapse physics padhna mere life ka and neet journey ka best decision tha. and bas ab ishi decision ko AIIMS TAK PAHUCHANA HAI. ab lag raha hai ki Mera bhi sapna pura ho









Jai Pratap Sing...

18 minutes ago

ab aa raha h physics padhne ka maja Malik Kaha the Ab tkkk









Saksham

18 minutes ago

Saleem sir k aage koi Bol sakta hai kya 😎 True magician of physics









23 minutes ago

sir bht emotional feel ho rha h aaj ka lecture bitt bhtt acha Iga literally esii feel kbhi nhi aayi NLM chapter ki ...thankyou so much guruji vovo you are the best Saleen bhaiya last k questions me to aag hi Iga di sir apne 100 100 100









27 minutes ago

sir sach m bhut dar lgta tha phle yeh question dekhker.....or aaj bhut simple lag rhe h thank you so much sir...









27 minutes ago

freestyle coach of physics







Aradhya Gupta

27 minutes ago

sir aap itna achha padhate hai ki mn krta sirf physics hi padhu thank uu so much sir love from Lucknow











Keshav Medics

17 minutes ago

sir jii appse physics padhkar mere aankhon me aansu aa gaye sach me mera doctor banne ka sapna aap se hi poora hoga. bilkul sir aapse physics padhna mere life ka and neet journey ka best decision tha. and bas ab ishi decision ko AIIMS TAK PAHUCHANA HAI. ab lag raha hai ki Mera bhi sapna pura ho









Jai Pratap Sing...

18 minutes ago

ab aa raha h physics padhne ka maja Malik Kaha the Ab tkkk









Saksham

18 minutes ago

Saleem sir k aage koi Bol sakta hai kya 😎 True magician of physics







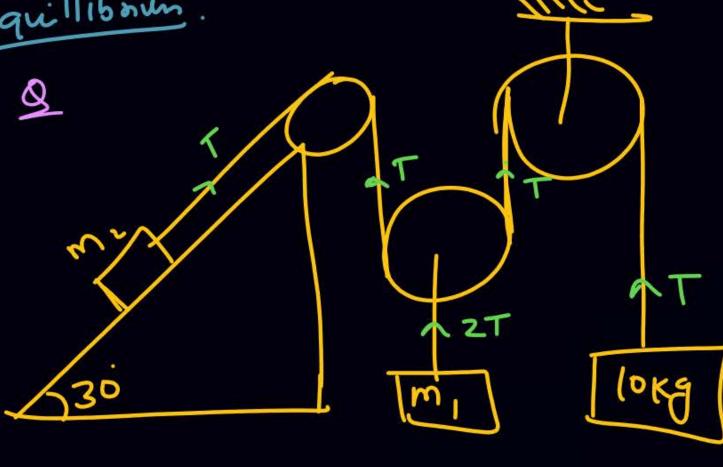
s Rest Rest Rest Translation $F_{net} = 0 \longrightarrow \alpha = 0$ Equilibrium -

(st. line path)

Rotaliment Equil- -> That =0

न वाद में Retakion में पदेंगे





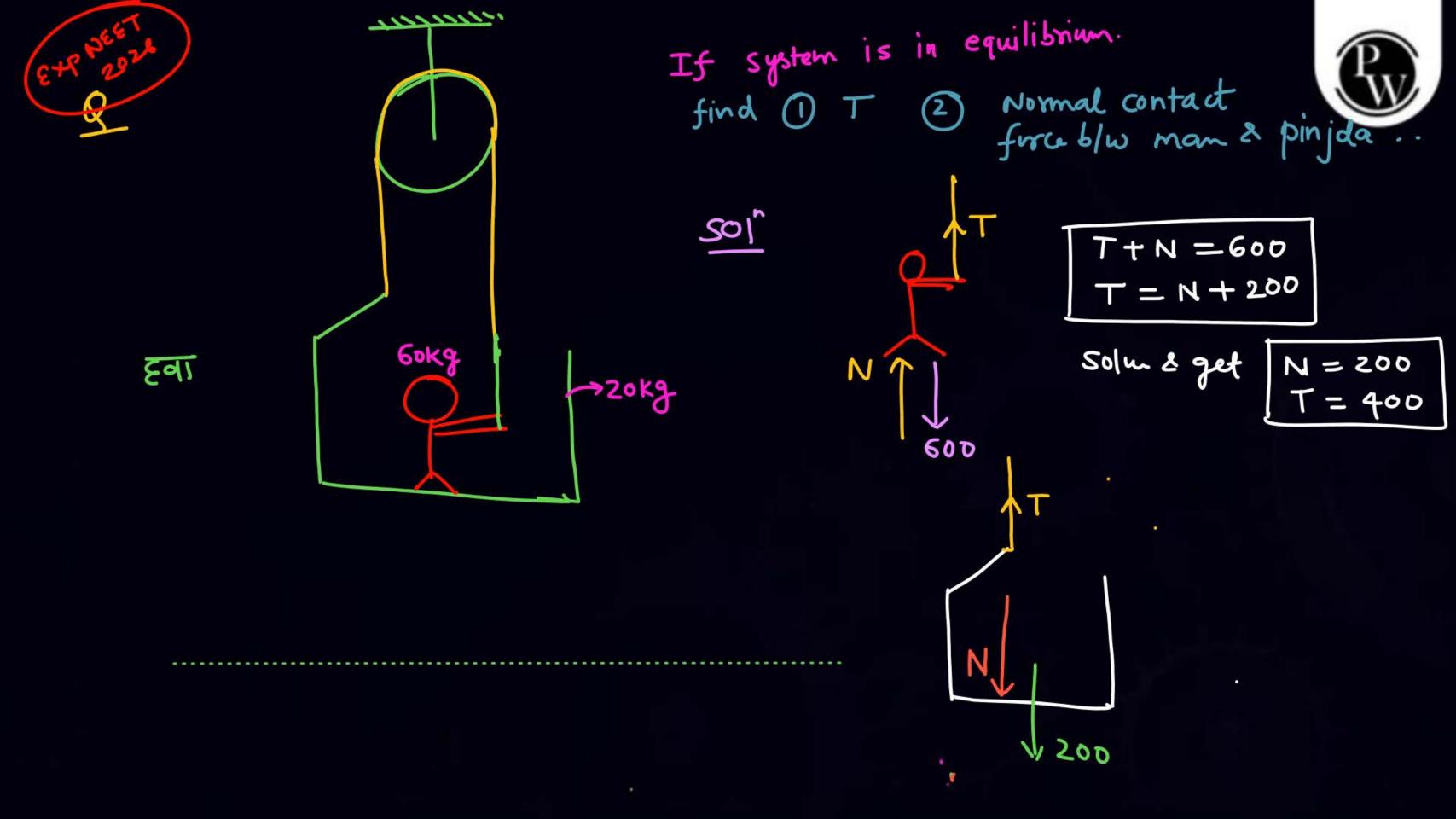
$$T = 100$$

$$2T = M_1 G$$

$$M_1 = 20 K$$

$$m_2 q s in 30 = 100$$
 $m_2 = 20 kg$

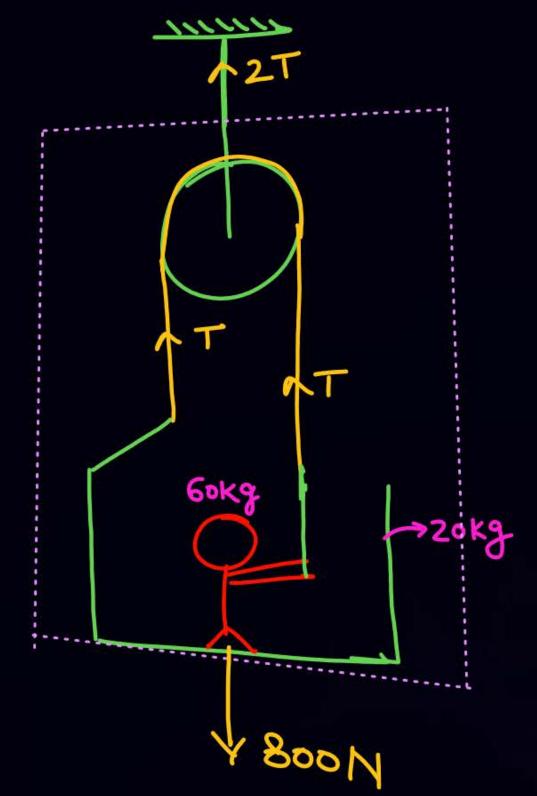




Et 2021



हवा











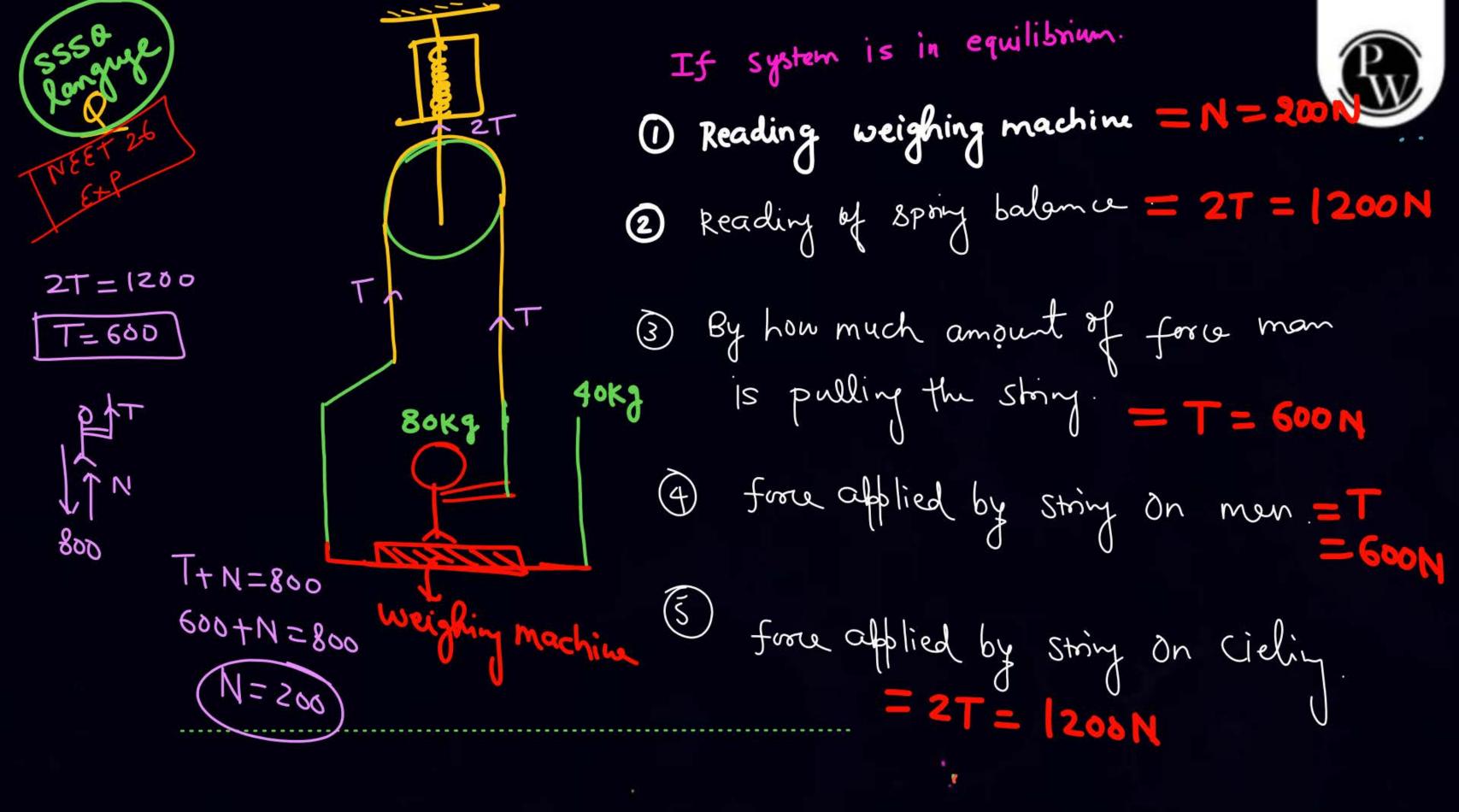


* T puchne ka tareeka.

Reading of spring balance.

* N puchne ka tareeka

-> Reading of weighing machine.



40Kg 80Kg

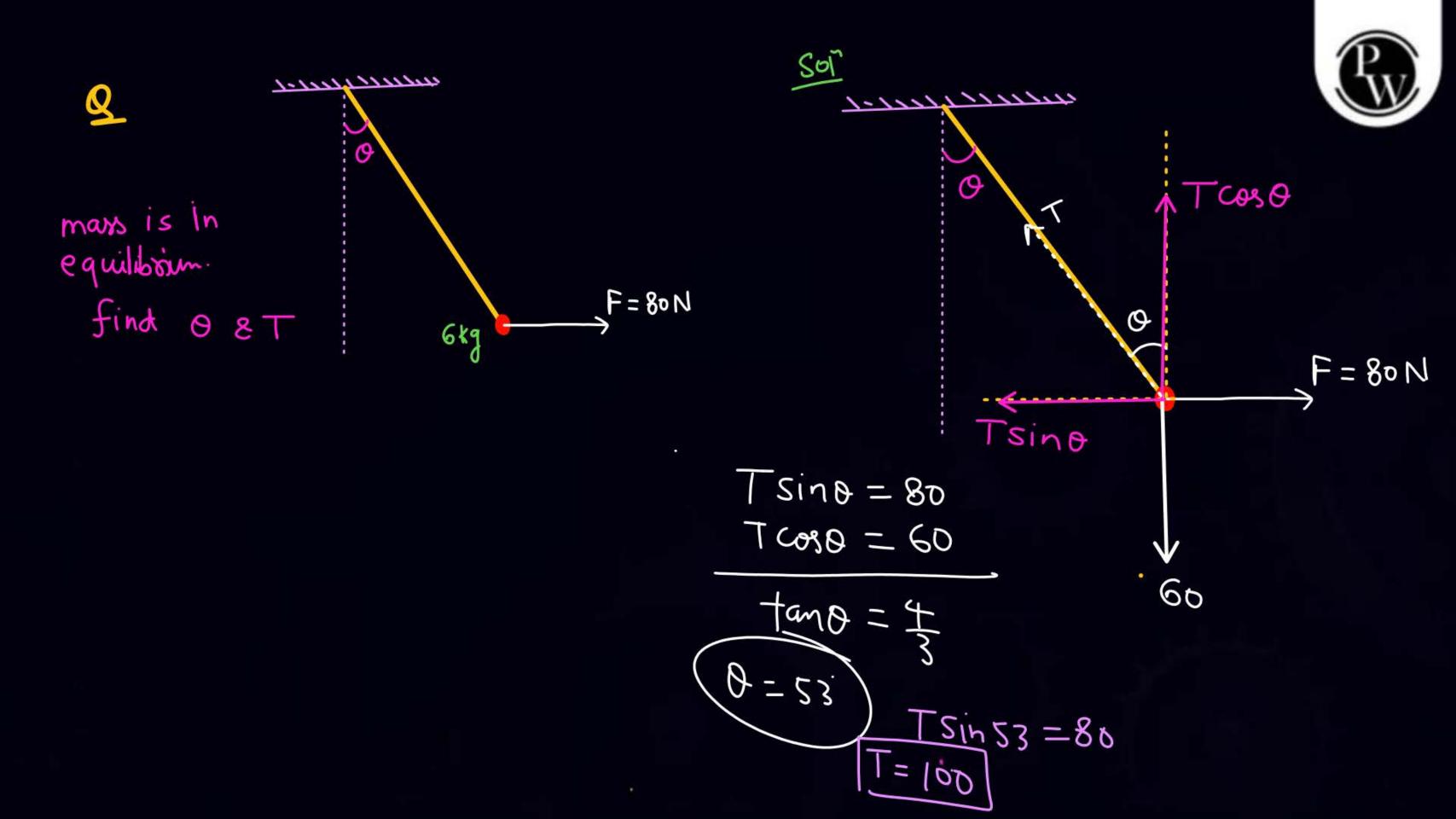
(3 Din Ke bad)

By how much force man should apply on story so that weighing machine shows true reading.

 \bigcirc

T-N-400=40a T-800-400=40a T=1200+40a

Solue & get =) T=2400









If
$$\vec{F_1} + \vec{F_2} + \vec{F_3} = 0$$

Body is in equal.

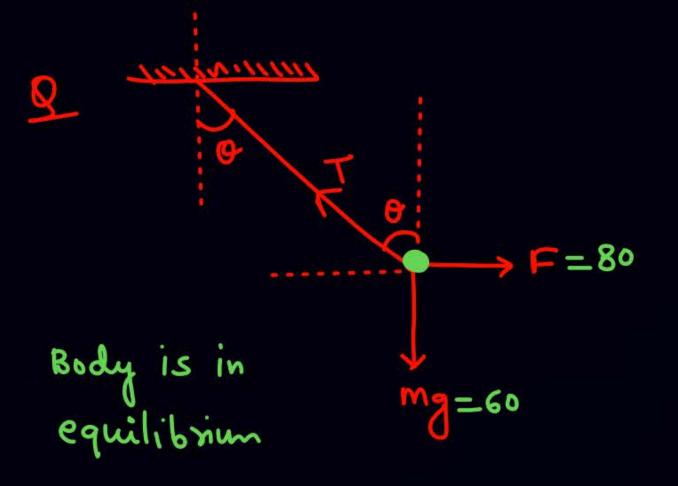
$$\frac{F_1}{\text{sino}_1} = \frac{F_2}{\text{sino}_2} = \frac{F_3}{\text{sino}_3}$$

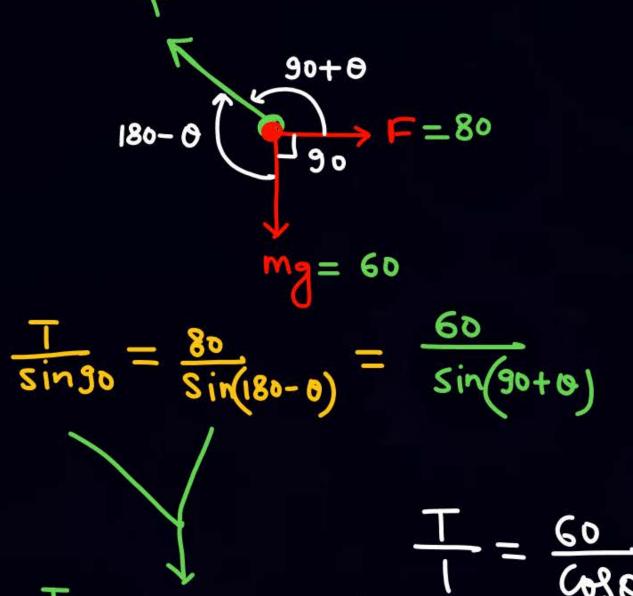


Ralio

tano

0=53





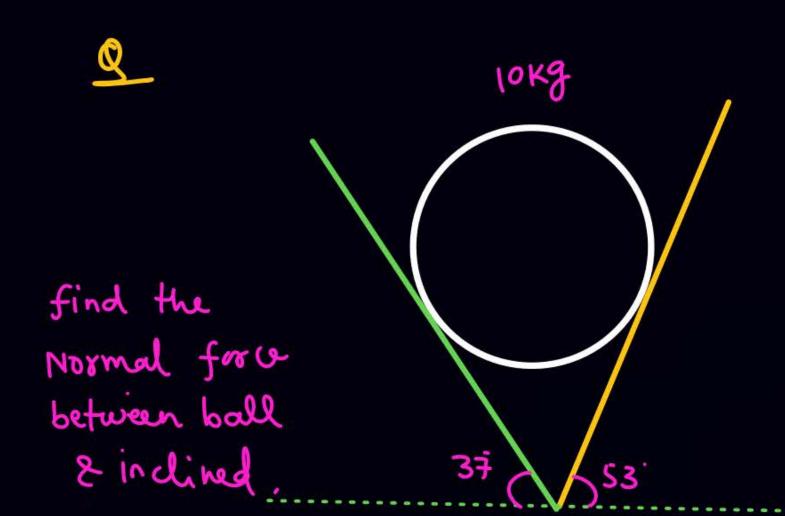
80 Sino

Tsin0 = 80

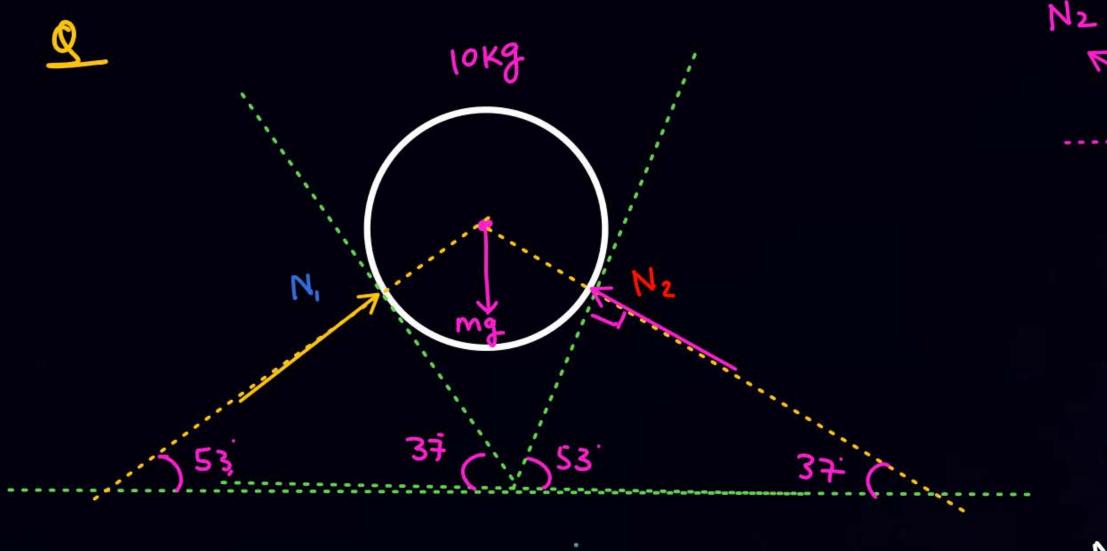


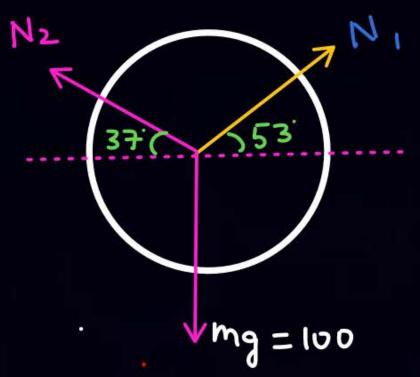
```
SKC OP
```

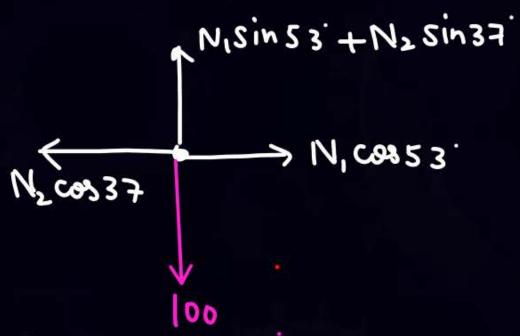
jab bhi Kabhi humse N/T puchega...hum FBI.
Bamayange

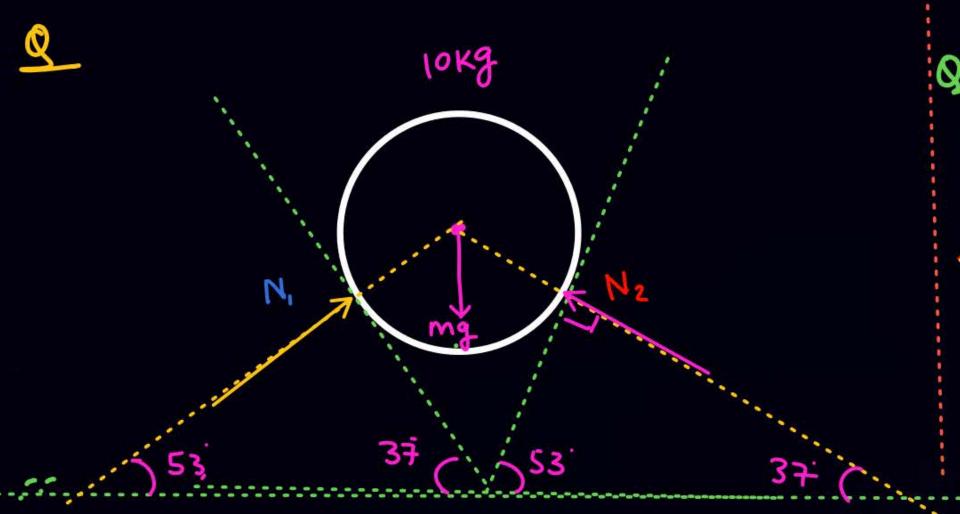






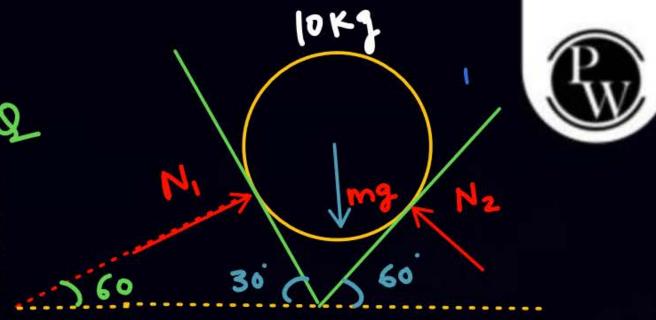


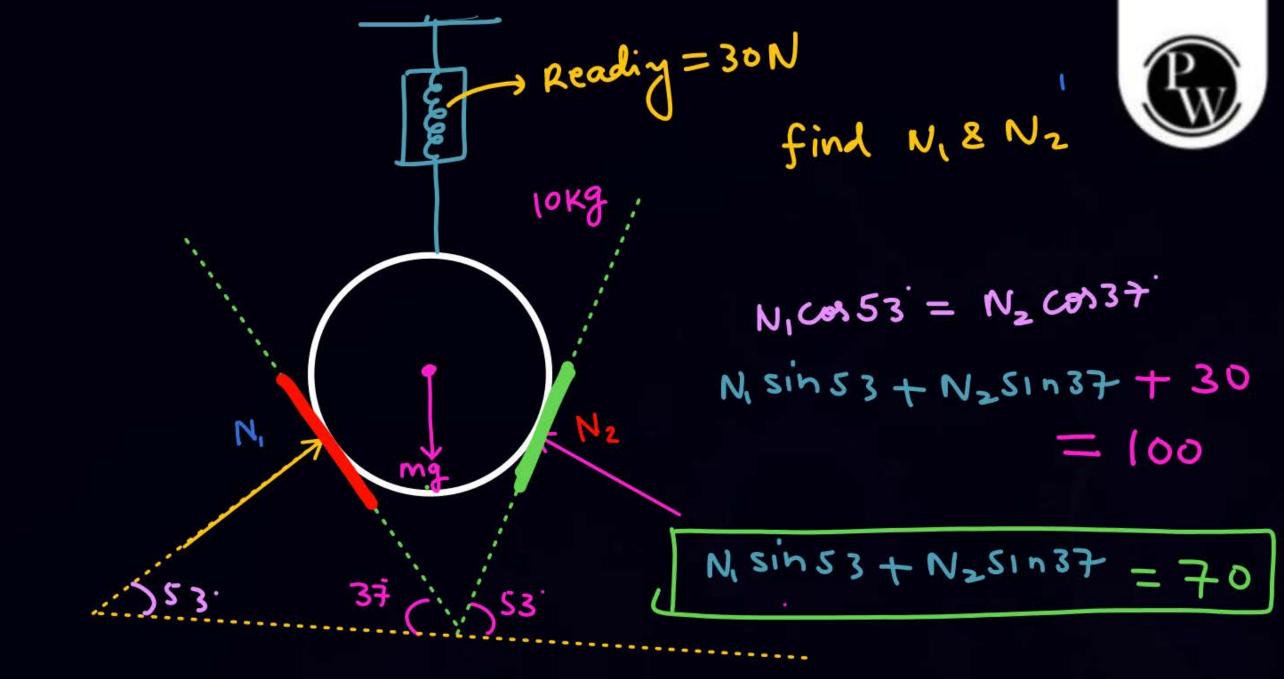




N1 (0853 = N2 (0033).

Nisins3 + Nisin37 = 100







Honework



- Kinematics KPP (Pya) = just see atteast.
- KPP (for NLM) (Lets move to NLM)
 will be upload today evening.



#