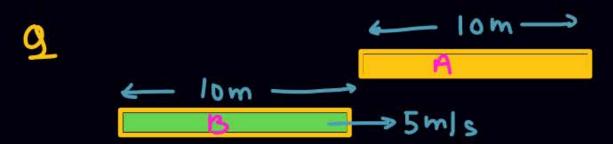


Todays Goal



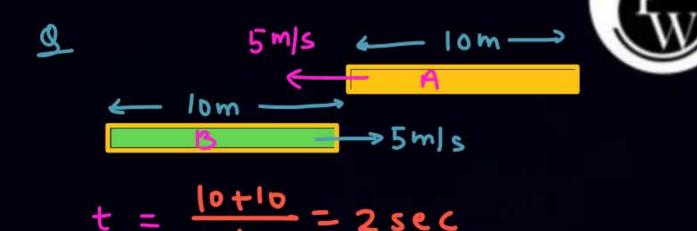
- Types of forces

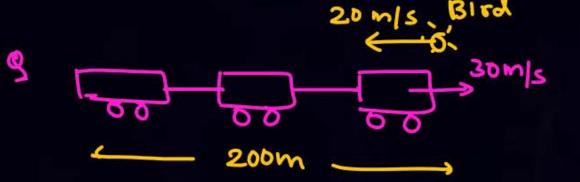


Time taken by is to crow
$$A = \frac{10+10}{5} = 4 \sec c$$

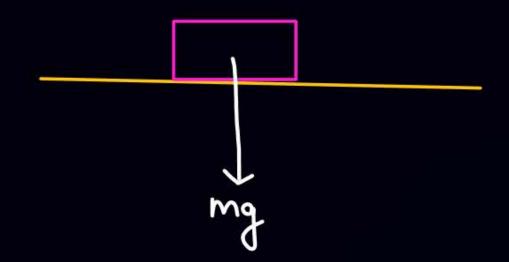
 $\frac{4 - 10m}{4} \rightarrow 3m/s$ $\frac{4 - 10m}{5} \rightarrow 5m/s$

Time taken by B to crow
$$A = \frac{10+10}{5-3} = 10$$

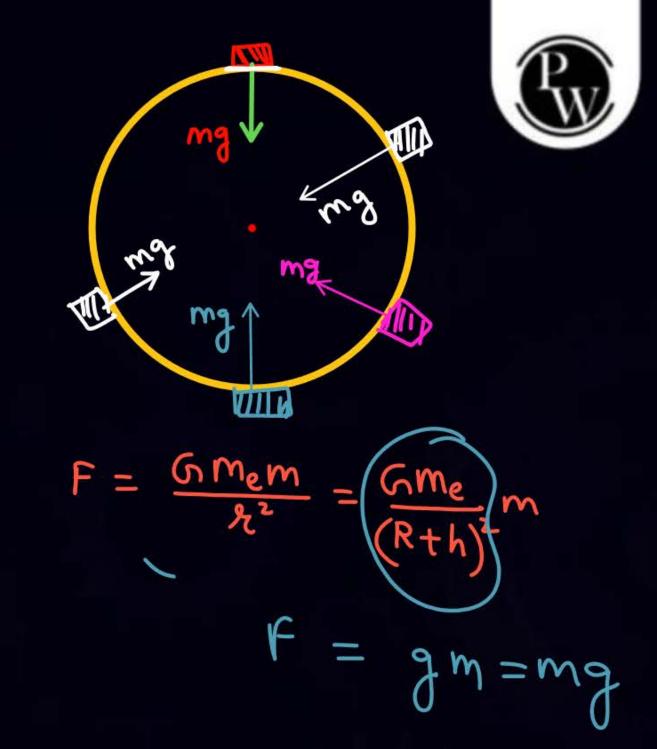




mg. Granitational force



mg act downward towards the center of earth.



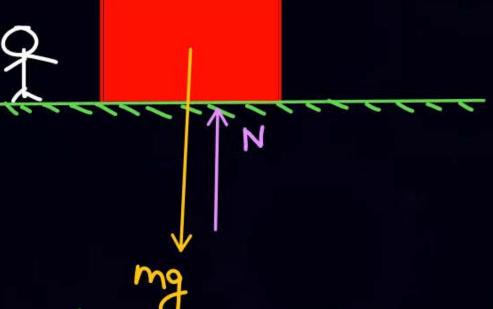
Normal Force Normal contact force



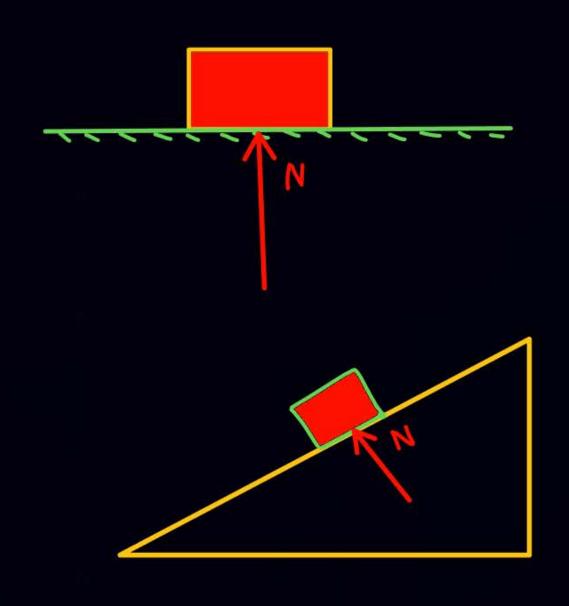


- it act towards the body bespendiculen to the surface.
- Pushing hatme.





1) It both surface are flat.

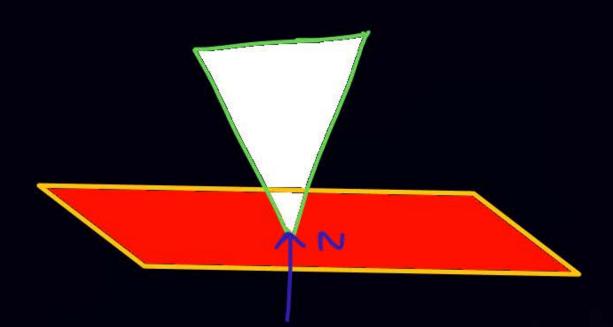


D If one surface is flat and another is Uberkhabar irregulaty



earth par lagenge





9

m₁

m, g

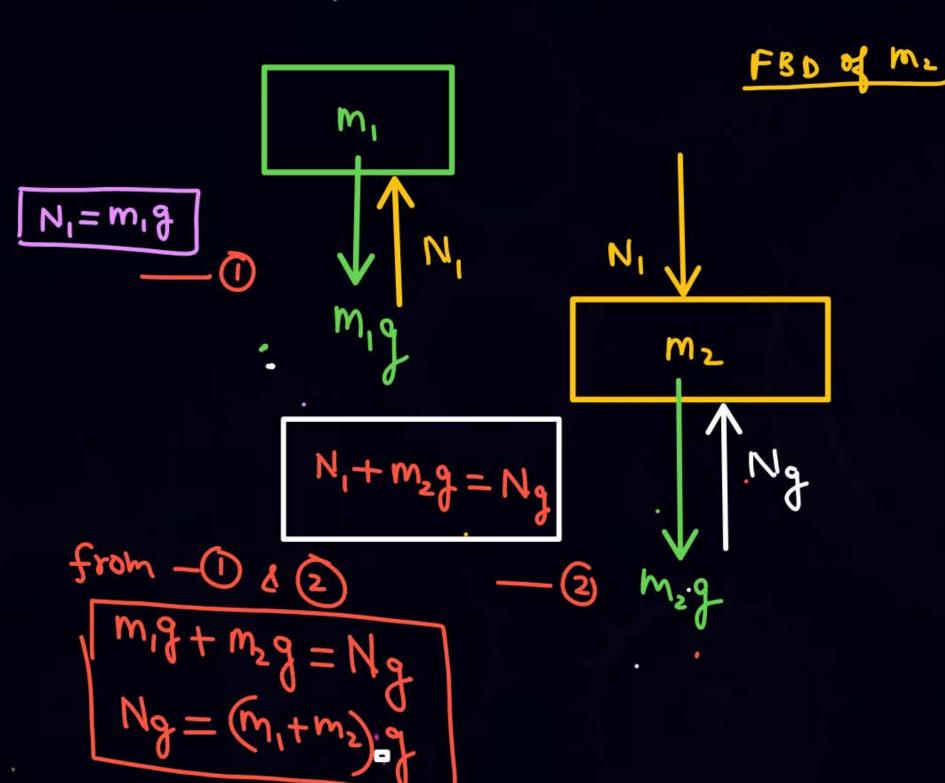
M2

Ng

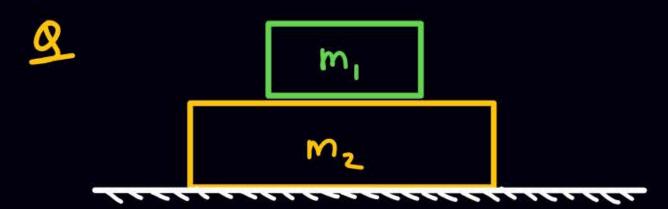
Ng

ground

FBD of m,

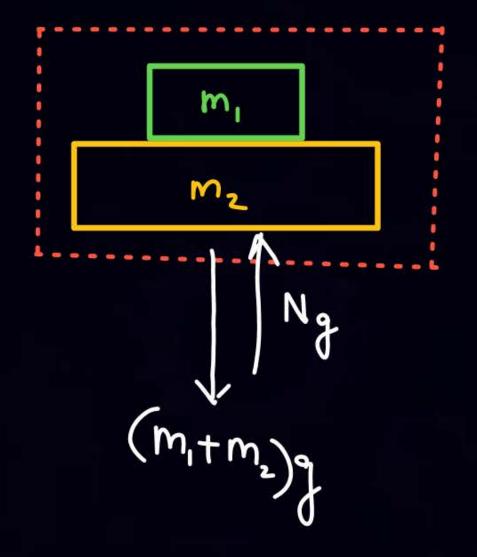


Draw the FBD of mismz











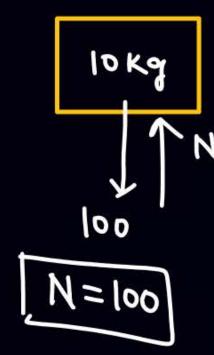
3

loka

IDKG



N,=50

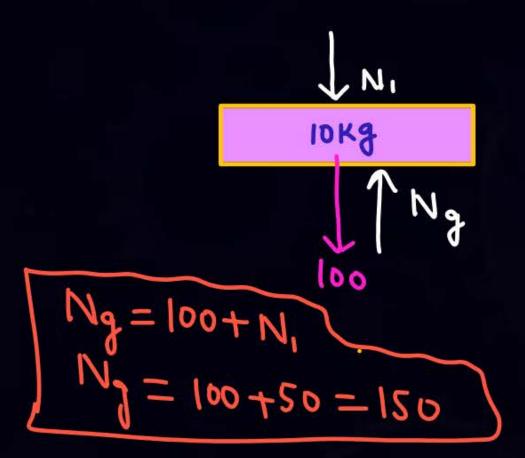


SKC Shretcud

Ng = 150

Normal 6/10

the block = 50

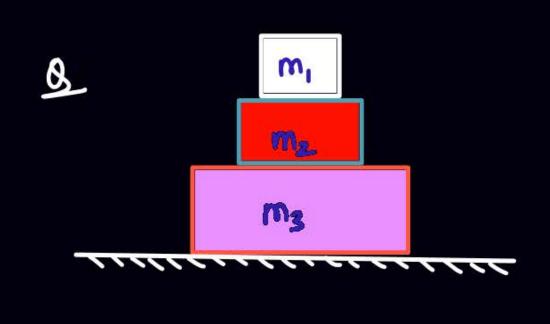


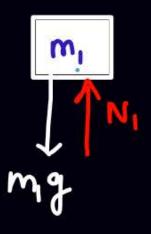


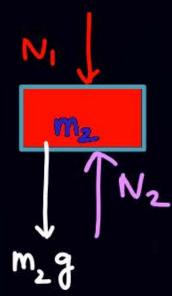
```
FBD = (Free body daigram)
```

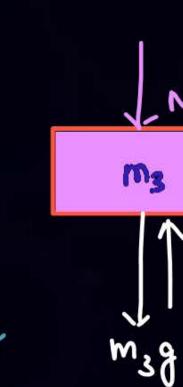
jis body ki FBD Bana rahe hai
Us body par Lagne wal force dikhane hai (ext)
Exe daigeam Ko FBD

Vo body jo force Laga vahi hai usse matteb Nahi hai.



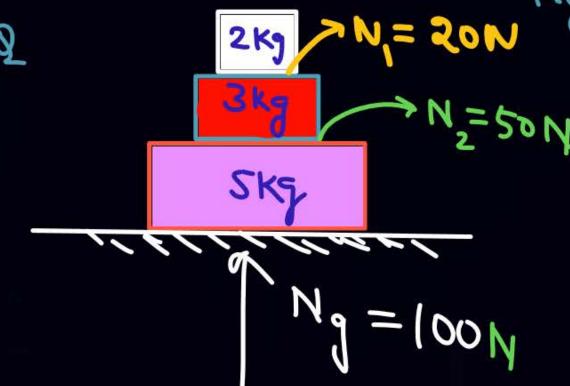


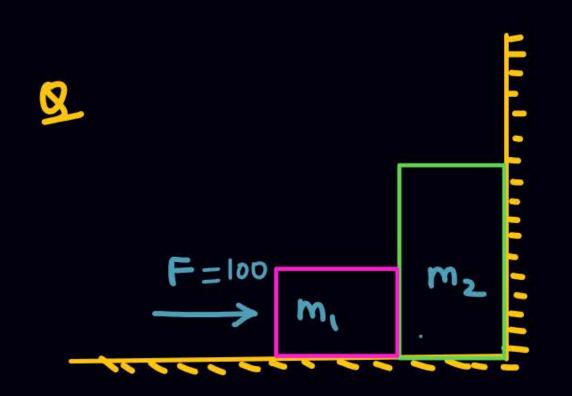


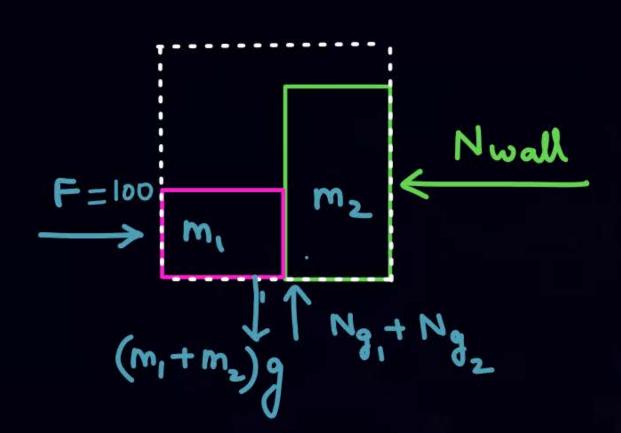


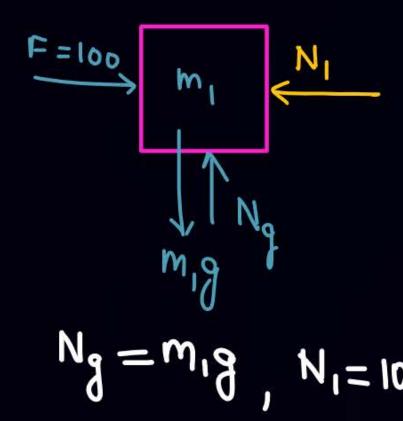
NZ

N= m1 g N2 = m, 9 + N1

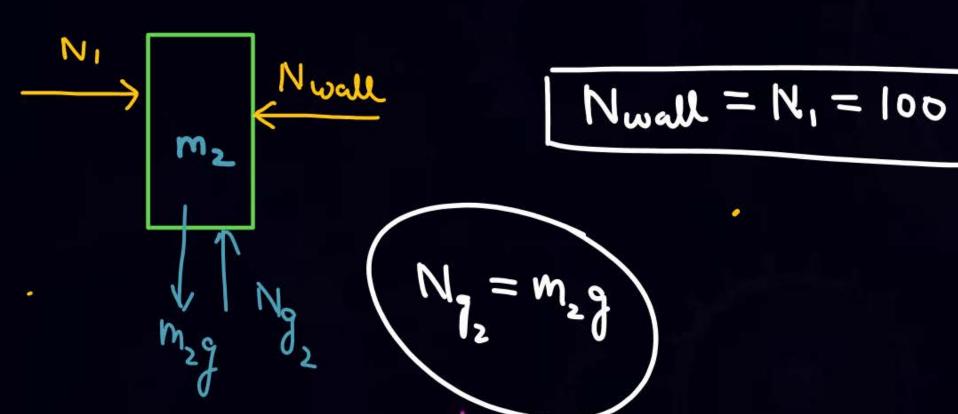








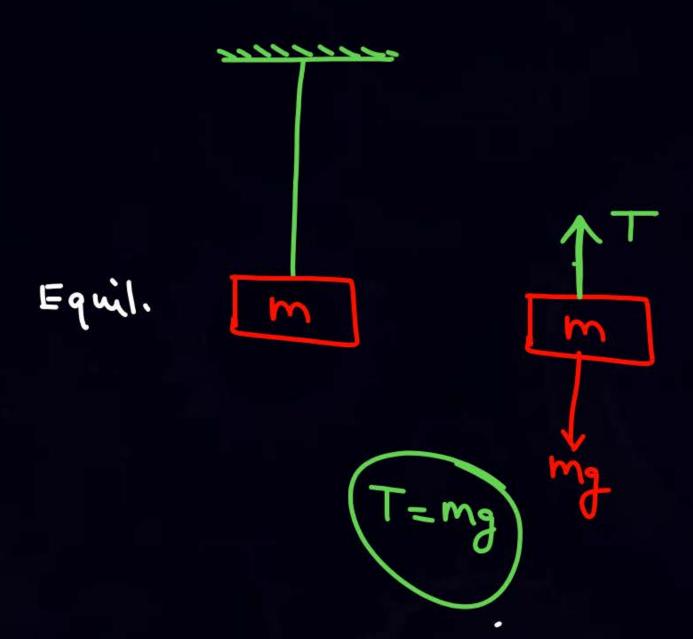
N1=100



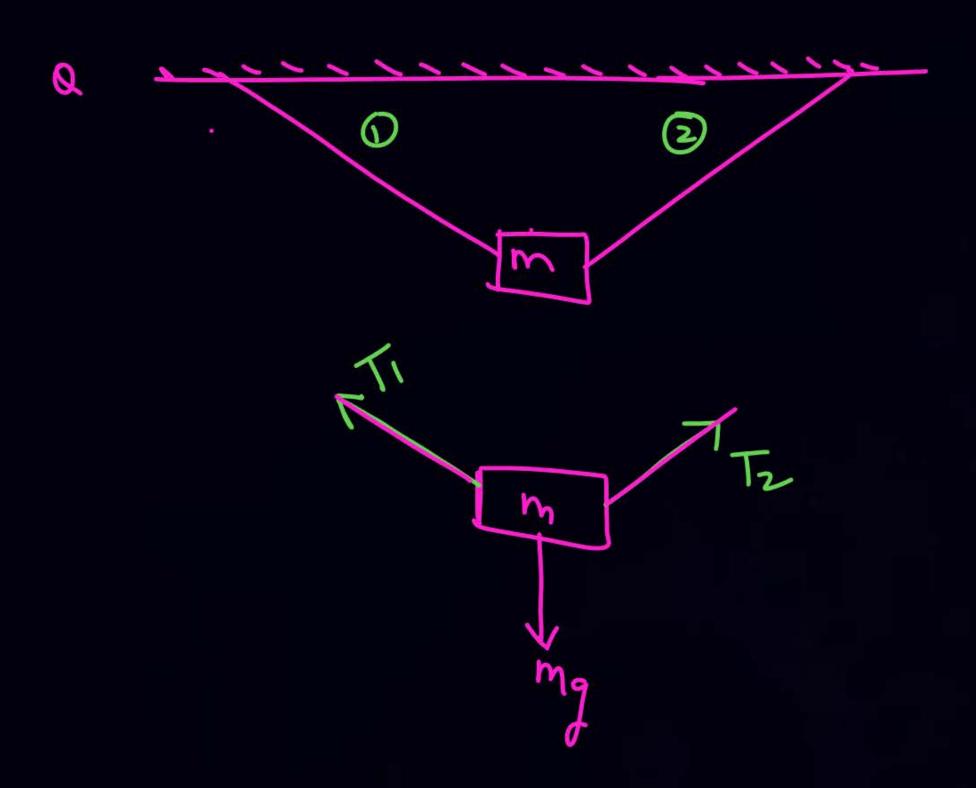
Tension force.

- Upen tagta hai
- It act away from the body towards the string.
- It is a pulling from









1) If distance blw 0 & 2) changes (increase) with const rate v. find o.



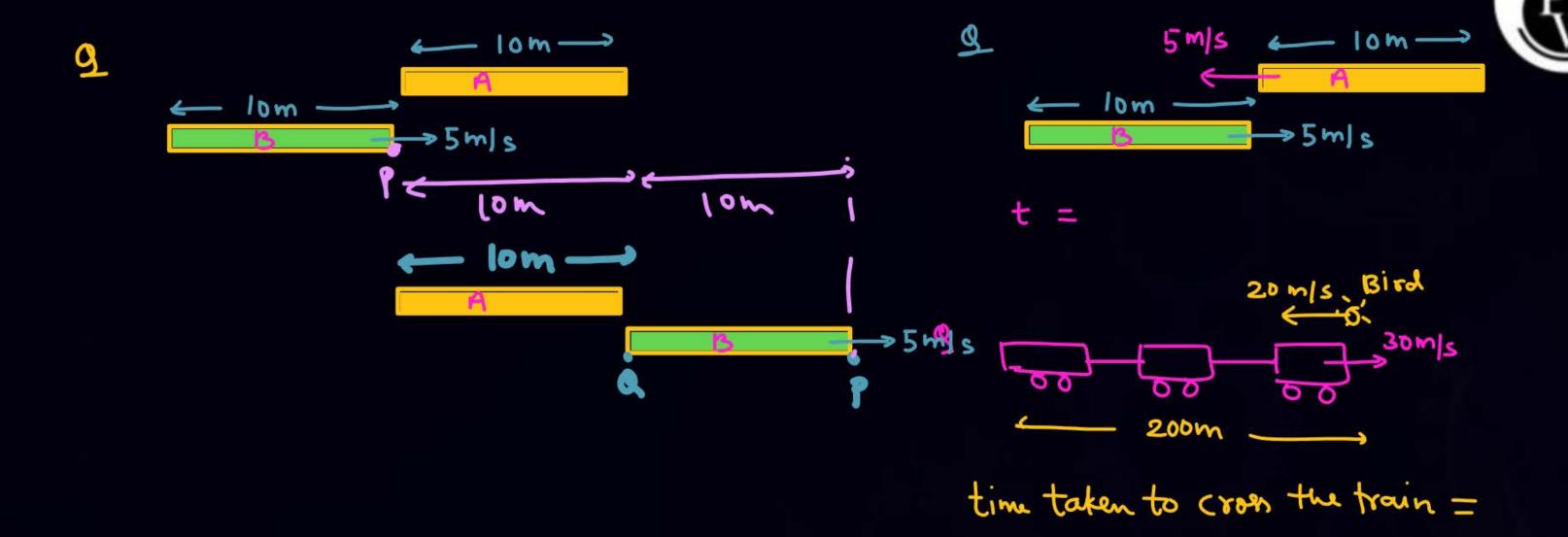
Sol

$$|\overline{U}_1 - \overline{U}_2| = U$$

$$2U \sin \frac{1}{2} = U$$

$$3in \frac{1}{2} = \frac{1}{2}$$

$$\frac{1}{2} = \frac{3}{2}$$









- KP7-20 (will be uploaded today)
- Now you can solve module (kinematice)
 (Except circular motion)



#