

$$\overrightarrow{F} = 20N$$
 $m = 1 kg$ $\nearrow P_k = 0.5$

$$N_{s}=0.40$$

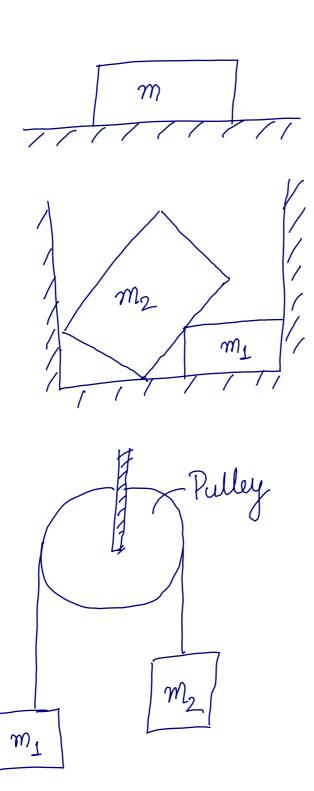
$$N_{k}=0.25$$

$$m=2.5 \text{ kg} \longrightarrow \vec{F}=6N$$

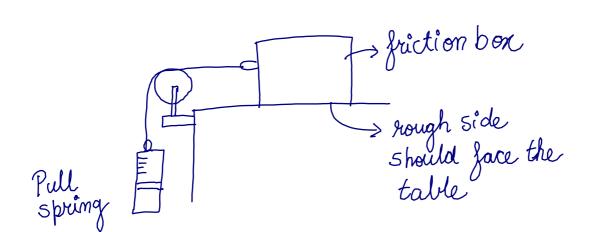
$$M_k = 0.2$$
 $m = 1 kg$ 130^{9}

Make up Assignment #1

Draw the free body diagrams (F13D) corresponding to the Sollowing physical systems. Assume the gravitational force but no friction.



Coefficient of friction,



Inclined plane problems

Fined D

Work energy experiment

thread

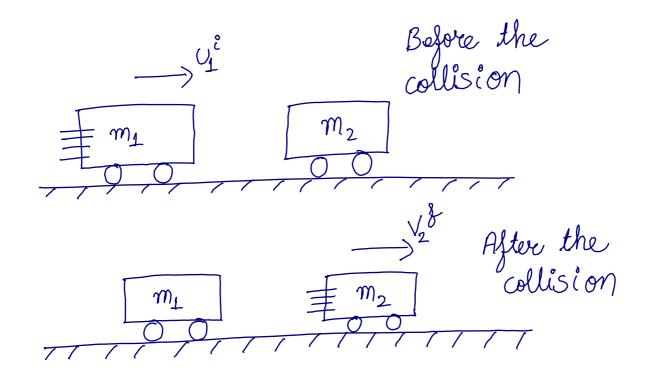
Spring

weight

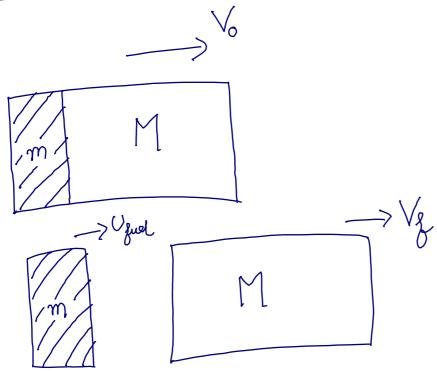
give a support by

hand

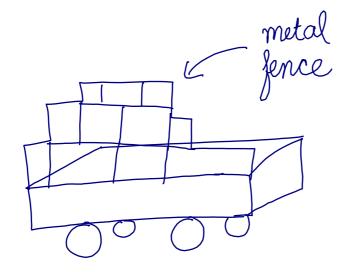
Sully stretched spring spring give support by hand Collision!



Rockets



L'enperiment Collision/



Photogate

| -> Metal Jence
| -> Court
| -> Track

Experiment Archamedis principle,

