

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

$$N_s = 0.40$$

$$N_R = 0.25$$

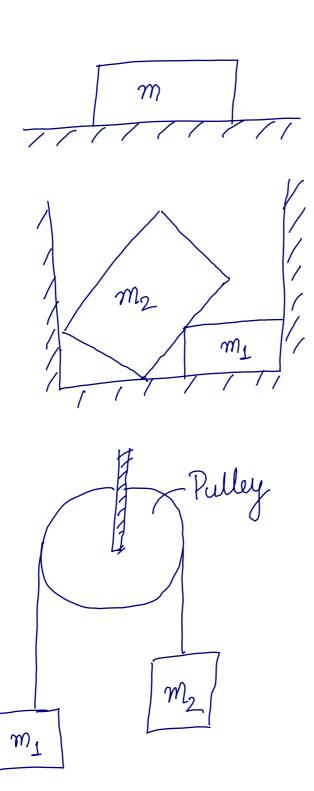
$$m = 2.5 \text{ kg}$$

$$F = 6 \text{ N}$$

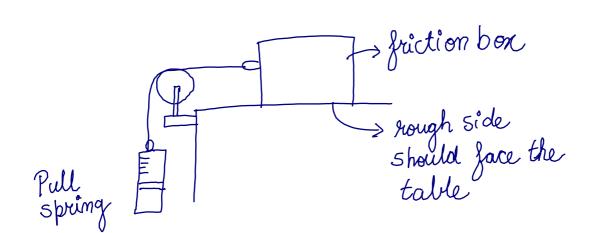
$$M_k = 0.2$$
 $m = 1 kg$   $130^{9}$ 

## 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