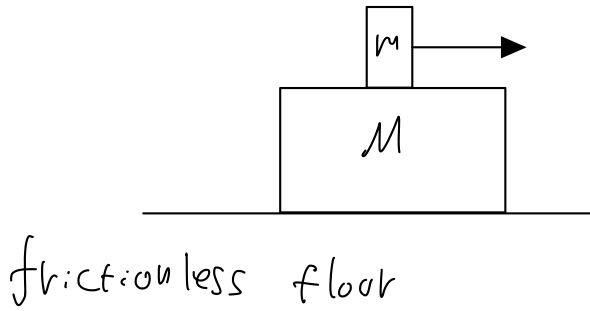


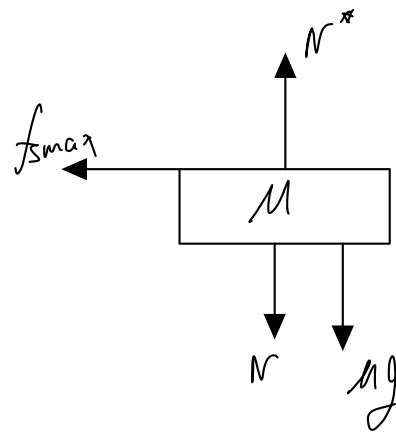
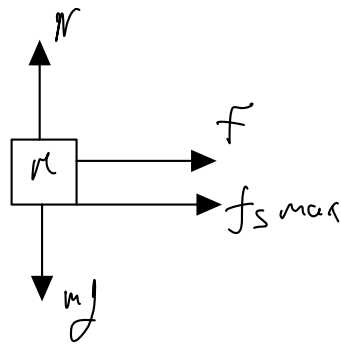
(1)



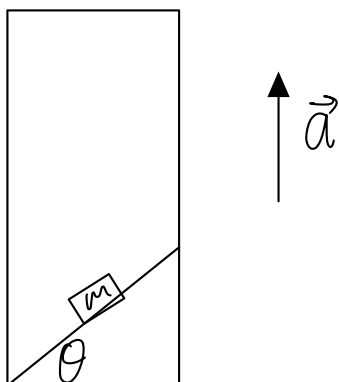
Given  $\mu$

What is the minimum  $F$  required to start the block  $m$  to slide on block  $M$

Free diagram body



(2)



Inclined plane in elevator with angle  $\theta$ .

What is the acceleration of  $m$  while sliding on the plane, and the elevator

accelerates upward with  
 $\vec{a}$

free body diagram:

