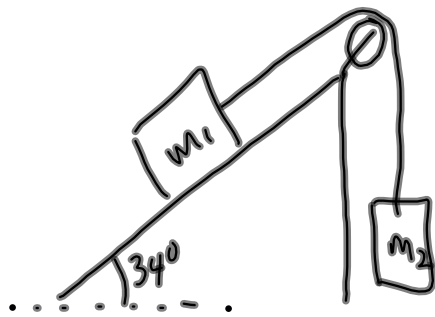


p489  
28.



$m_1 = 725g$

$m_2 = 595g$

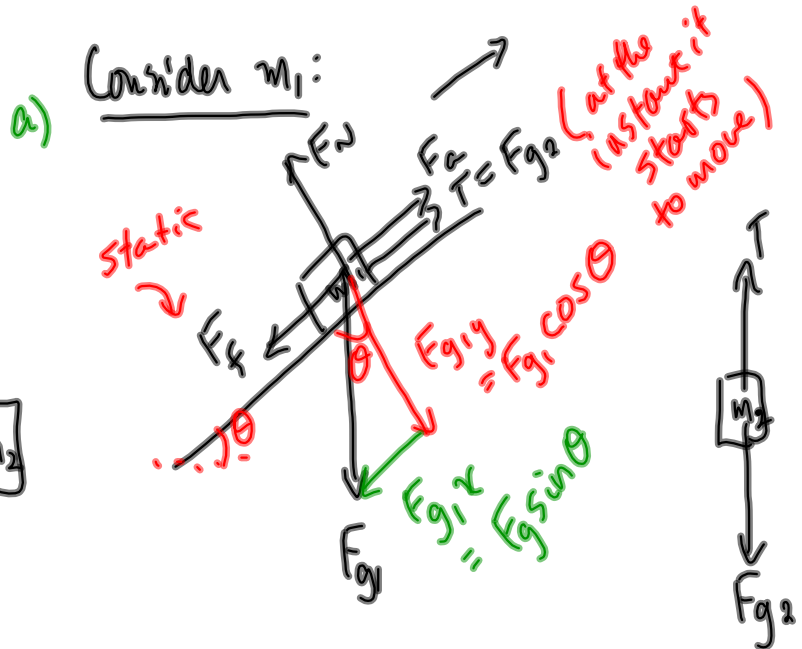
$\mu_s = 0.47$

$\mu_k = 0.12$

a)  $F_a = ?$  (start to move up hill)

b)  $a = ?$

c)  $T = ?$



Solve for  $F_a$ .

b) Once the system is moving, then  $T \neq F_{g2}$  and you need to use  $F_f$  (kinetic). No more  $F_a$ .