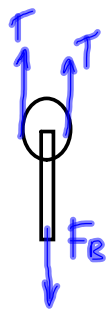
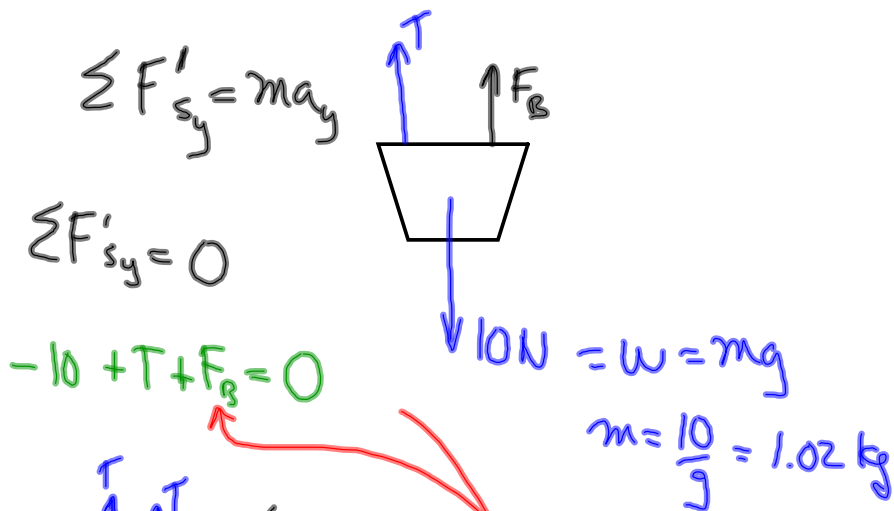


CABLES, ROPES, STRINGS, CHAINS  $\rightarrow$  FLEXIBLE } CAN ONLY EXERT FORCE IN TENSION.  
 { CAN'T PUSH ON A ROPE }

TENSIONS  $\Rightarrow$  CONSTANT  
 PULLEYS ARE FRICTIONLESS



$\sum F'_{sy} = 0$   
 $T + T - F_B = 0$   
 $F_B = 2T$   
 $T = 3.33N$

$M.A. = \frac{F_o}{F_i} = \frac{10N}{3.33N} = 3$