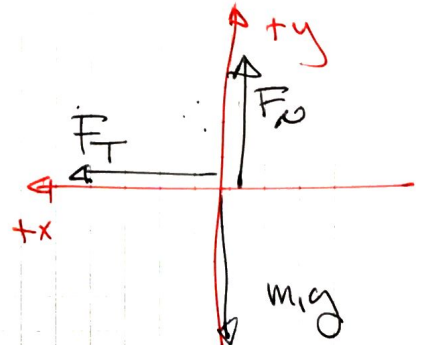


matches $+x$
from other
block!

	x
F_T	$-F_T$
F_g	$m_2 g$
ma	$m_2 a_x$

$$-F_T + m_2 g = m_2 a_x$$

count variables and
solve!



	x	y
F_T	0	F_N
F_g	F_T	$-m_1 g$
ma	$m a_x$	0

($g =$

$$F_N - m_1 g = 0$$

$$F_T = m_1 a_x$$