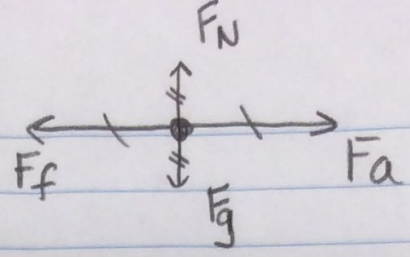
3. $m = 7kg$
$F_{net} = 0$ } const. v
$a = 0$ }

$\mu = .4$
$F_a = ?$



$F_{net} = F_f + F_a$

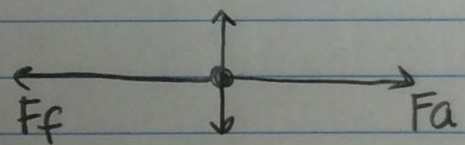
$0 = -[\mu F_N] + F_a$

$0 = -[.4\ mg] + F_a$

$0 = -[.4(7 \cdot 9.8)] + F_a$
$0 = -[.4(68.6)] + F_a$
$0 = -[27.44] + F_a$
$+ 27.44$

$+27.44_N = F_a$

4. $F_{net} = 0$
$\mu = .6$
$m = 14kg$
$F_a = ?$



$F_{net} = F_f + F_a$

$0 = \mu F_N + F_a$

$0 = -[.6(14 \cdot 9.8)] + F_a$
$0 = -[.6(137.2)] + F_a$
$0 = -82.32 + F_a$
$+82.32 + F_a$

$+82.32_N = F_a$