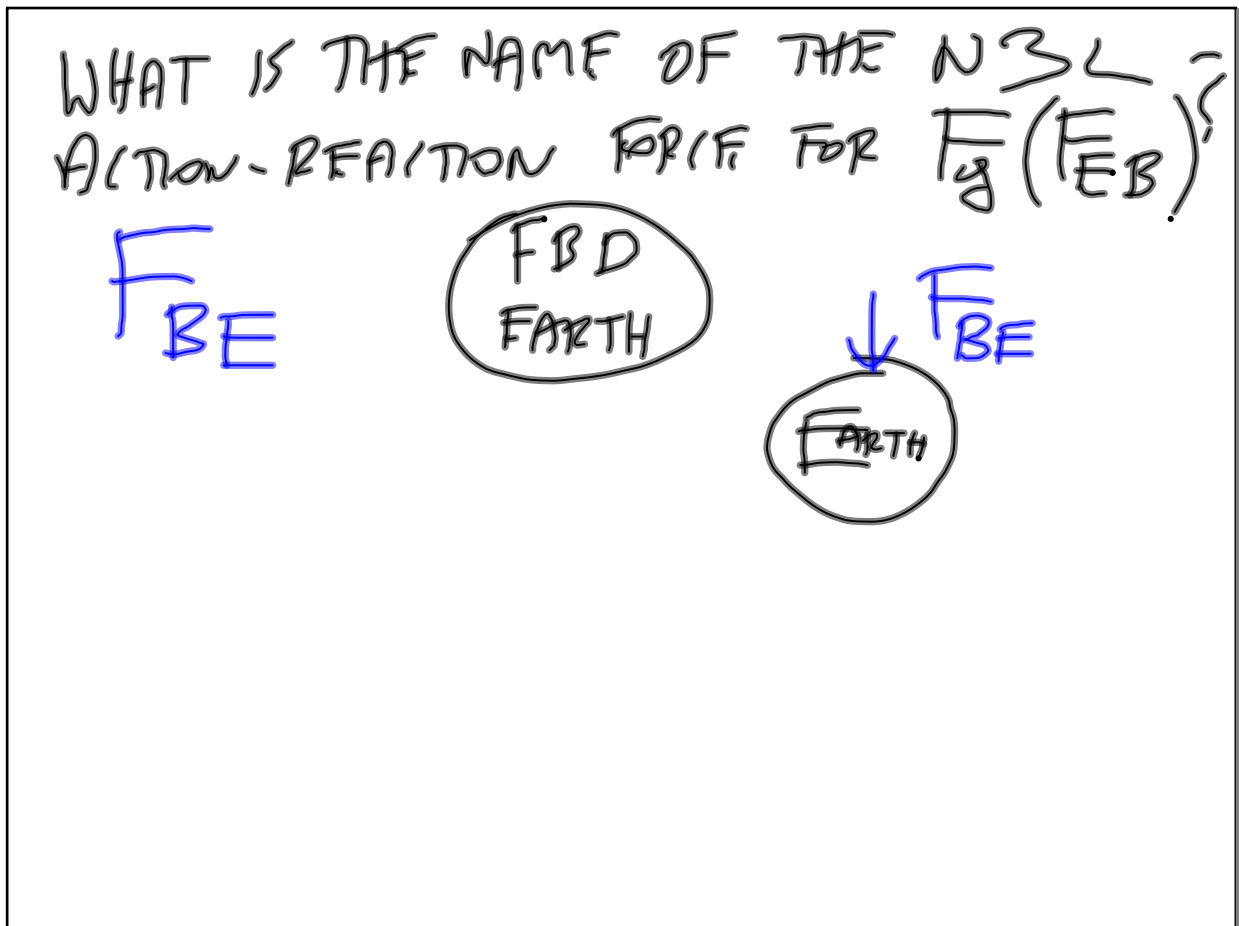


Dec 5-12:33 PM



Dec 5-12:40 PM

②

$v = \text{konst.}$
 $a = 0$

$F_{Tc} = F_{cT}$

③

a

④

$F_{Tc} = F_{cT}$

Dec 5-12:43 PM

④

ICE ($\mu=0$)
 $m_1 = m_2$

$a_1 ? a_2$


$F_{12} = F_{21}$
 $m_1 = m_2$

$a_1 = \frac{F_{21}}{m_1}$ $a_2 = \frac{F_{12}}{m_2}$

$a_1 = a_2$

Dec 5-12:50 PM

5



$F_{12} = F_{21}$

$m_1 \quad 2m_1$

$a_1 \quad ? \quad a_2$

$a_1 = \frac{F_{21}}{m}$ $a_2 = \frac{F_{12}}{2m}$

$a_1 = \frac{F}{m}$ $a_2 = \frac{1}{2} \frac{F}{m}$

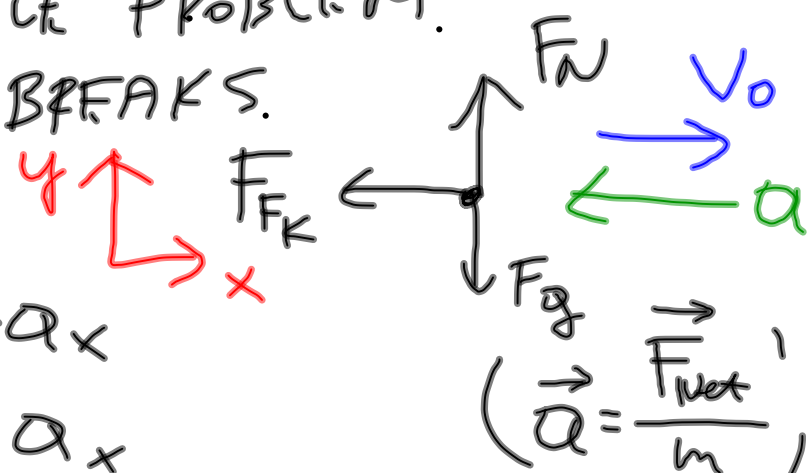
$a_2 = \frac{1}{2} a_1$

Dec 5-12:53 PM

SNOWMOBILE PROBLEM.

g) CABLE BREAKS.

$a_x = ?$



$\sum F_x = m \cdot a_x$

$-F_{FK} = m \cdot a_x$

$-\mu_k F_N = m \cdot a_x$

$-\mu_k m \cdot g = m \cdot a_x$

$a_x = -\mu g$

$(\vec{a} = \frac{\vec{F}_{net}}{m})$

Dec 5-12:59 PM