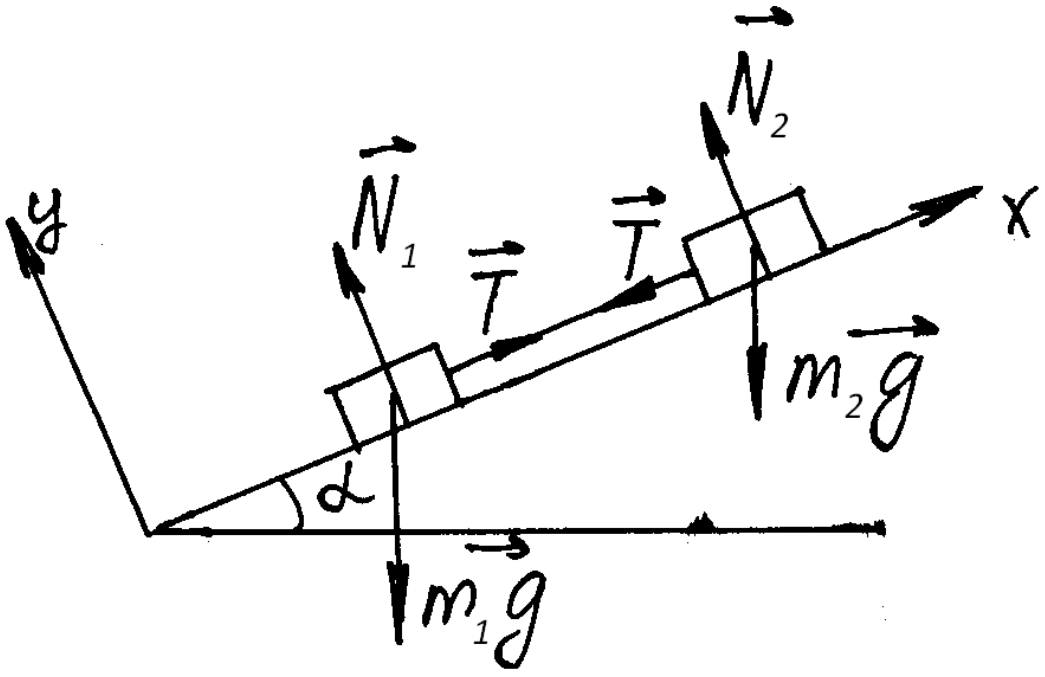

$m_1 = 3\ kg$
$m_2 = 2\ kg$
$m_1\bar{a} = \bar{T} + m_1\bar{g}$
$m_2\bar{a} = \bar{T} + m_2\bar{g}$
$where$:
$T -$ tension on the cord
$a -$ acceleration

$In\ projection\ on\ X$:
$-m_1a = T + (-m_1gsin(\alpha))$
$-m_2a = -T + (-m_2gsin(\alpha))$
$Add\ the\ first\ and\ th\ second\ one\ string$:
$-m_1a - m_2a = gsin(\alpha)((-m_1 - m_2)$
$a = gsin(\alpha)$
$a = 10 \cdot 0.5 = 5\frac{m}{s^2}$
$T = -m_1a + m_1gsin(\alpha)$
$T = 0\ N$
ANSWER:
$T = 0\ N;\ a = 5\frac{m}{s^2}$