m_2
m_3
$\boldsymbol{F}_1 = m_2\boldsymbol{g} + m_3\boldsymbol{g}$
m_1
$\boldsymbol{F}_1 = m_1\boldsymbol{g}$
m_4
m_4
$\boldsymbol{F}_2 = m_4\boldsymbol{g}$
$\boldsymbol{F}_2 = m_4\boldsymbol{g}$
10 kg