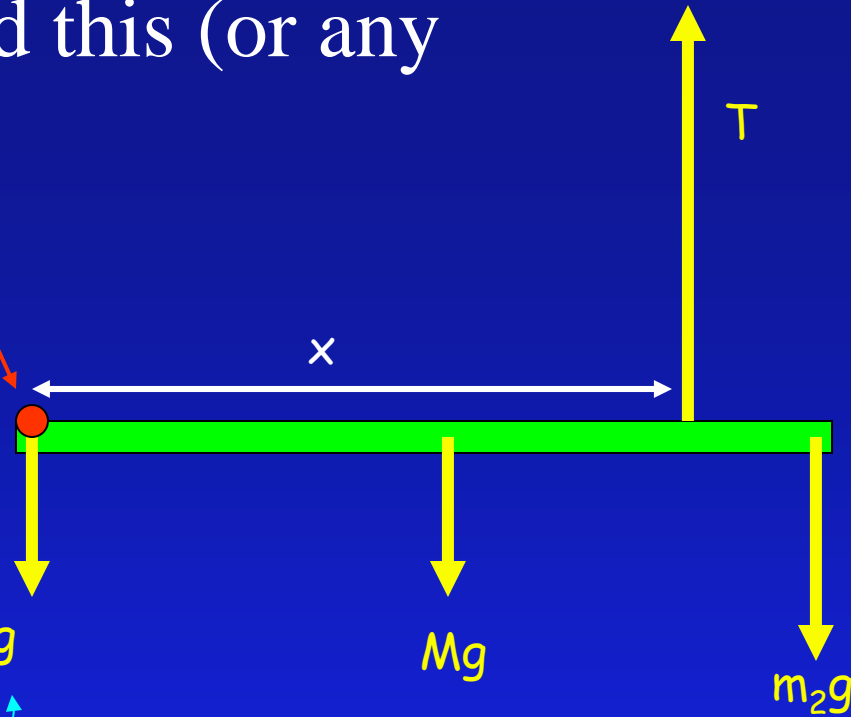


Find net torque around this (or any other) place



$\tau(m_1g) = 0$ since lever arm is 0