



тому.....



Diagram illustrating the initial state of the system. Two carts are connected by a spring on a horizontal surface. The left cart is moving to the left with velocity $\vec{v}_1$. The right cart is moving to the right with velocity $\vec{v}_2$ and has a 1 kg weight on it.

[illegible]

$$\frac{m_2}{m_1} = \frac{v_1}{v_2}$$

