$v_1 = ?$

$v_2 = 0$

$v' = ?$

m_1

m_2

$m_1 + m_2$

CLEE $\frac{1}{5}$

Cons. of Mom.

$v' = ?$ ①

$v = 0$

$m_1 + m_2$

$$\frac{1}{2}m(v')^2 + W_{NC} = \frac{1}{2}mv^2$$