10/19/2011 (Wed)

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(a) By conservation of linear momentum $m_1v_1 + m_2v_2 = 0$ $m_1\Delta x_1/\Delta t + m_2\Delta x_2/\Delta t = 0$ $\Delta x_2 = -m_1\Delta x_1/m_2 = -3\Delta x_1$



















