Egyenletes mozgás

$$v = \frac{\Delta x}{\Delta t}$$

$$\Delta x = x_2 - x_1$$

$$\Delta t = t_2 - t_1$$

Egyenletesen gyorsuló mozgás

$$a = \frac{\Delta v}{\Delta t}$$

$$\Delta v = v_2 - v_1$$

$$\Delta t = t_2 - t_1$$

$$s = v_0 \cdot t + \frac{a \cdot t^2}{2} = \frac{v_1 + v_2}{2} \cdot \Delta t = \frac{v_2^2 - v_1^2}{2a}$$

$$g = 10 \frac{m}{s^2}$$