## 5 kinematic equations.

$$\Delta ec{d} = rac{ec{v_1} + ec{v_2}}{2} t$$

$$ec{v_2} = ec{v_1} + ec{a}t$$

$$\Delta ec{d} = ec{v_1}t + rac{1}{2}ec{a}t^2$$

$$\Delta ec{d} = ec{v_2} t - rac{1}{2} ec{a} t^2$$

$$ec{v_{2}}^{2} = ec{v_{1}}^{2} + 2ec{a}\Deltaec{d}$$