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$$l = \frac{1}{2} a'_{m} t^{2}$$

$$\Rightarrow a'_{m} = a_{m} - a_{M} =$$

$$l = \frac{1}{2} (a_m - a_n) t^2 = -0.35 \text{ m/s}^2$$

a'm= am-an=0.35 m/s²

$$t = \sqrt{\frac{2e}{2m-an!}} = 4.2a$$

