

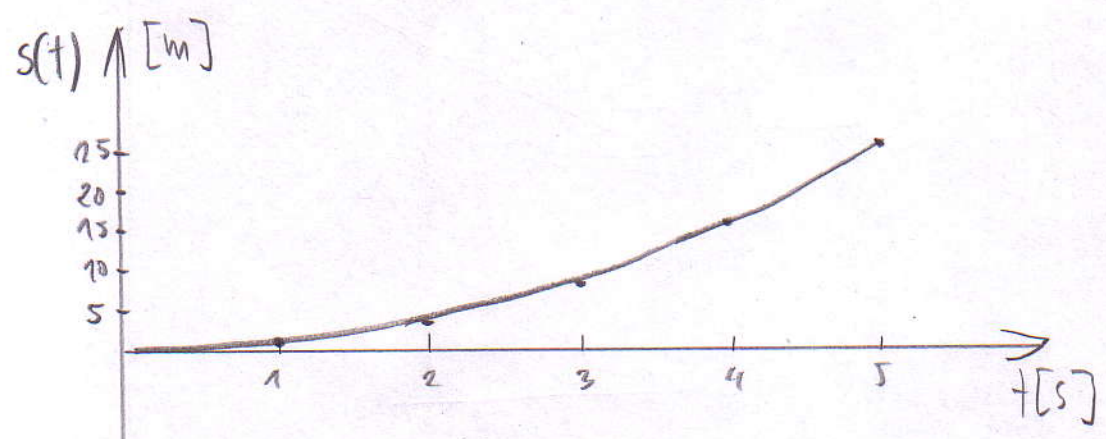
$$a = 2 \left[\frac{\text{m}}{\text{s}^2} \right]$$

$$t = 5 \text{ [s]}$$

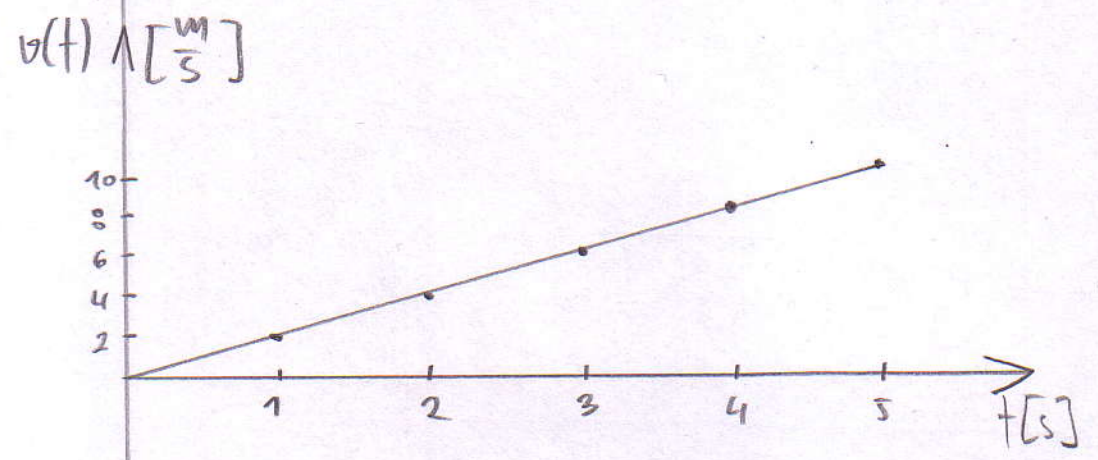
$$a(t) = ?$$

$$v(t) = ?$$

$$s(t) = ?$$

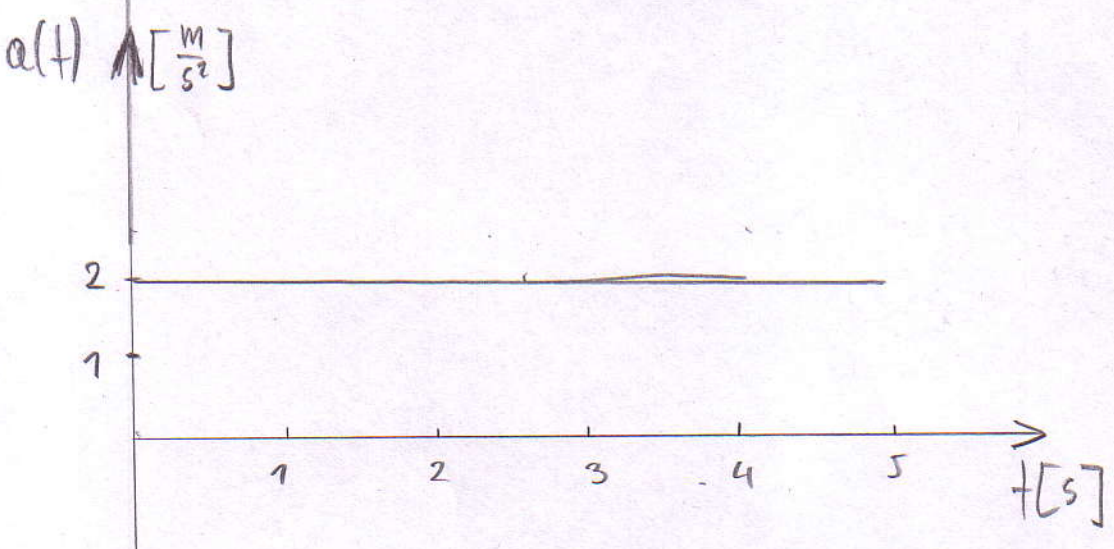


$$s = v_0 \cdot t + \frac{a t^2}{2}$$



$$v = \frac{ds}{dt}$$

$$v = v_0 + a \cdot t$$
$$v_0 = 0$$



$$a = \frac{dv}{dt}$$