



$v = \text{konst}$

směr
nemění

směr mění

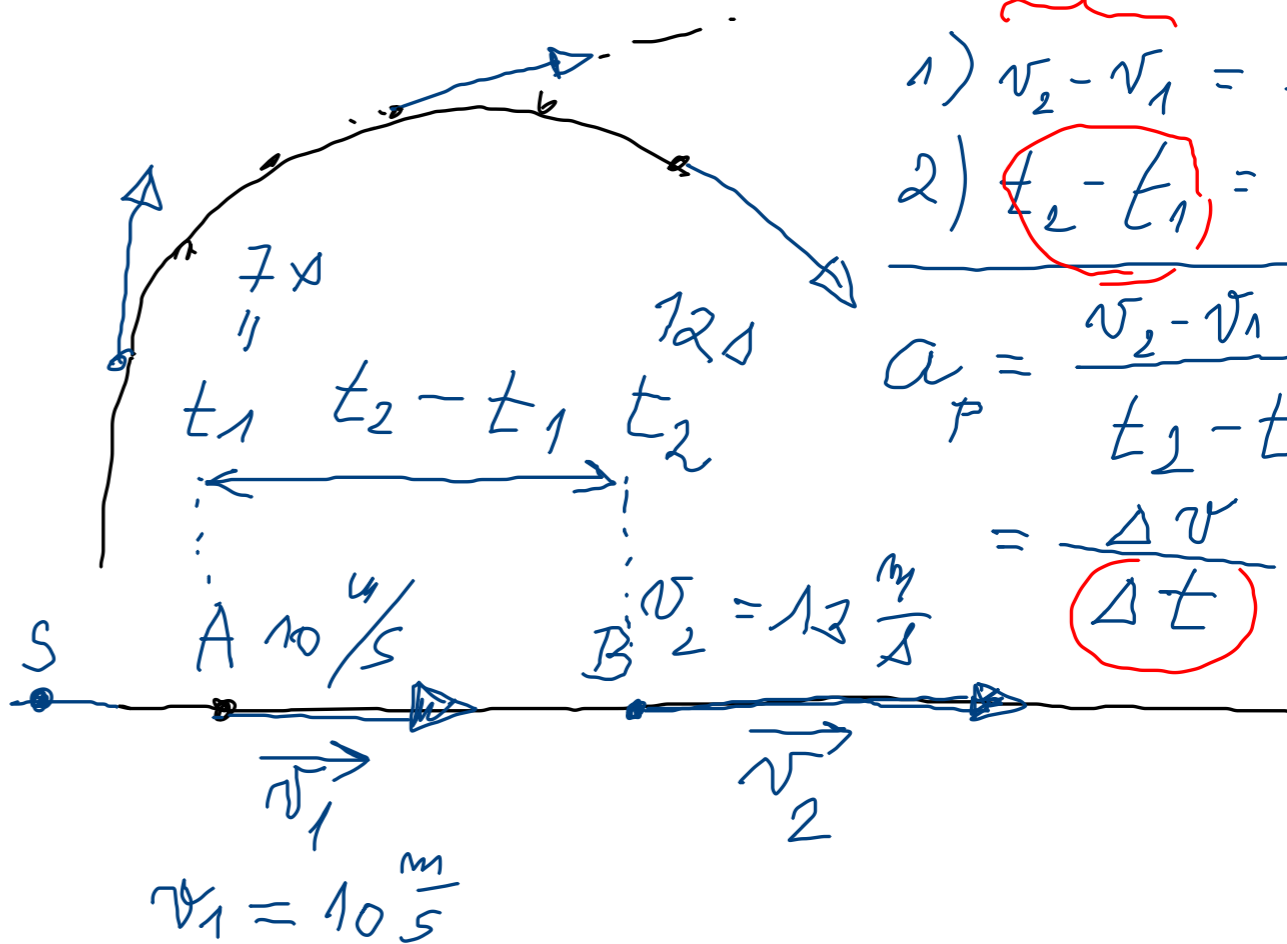
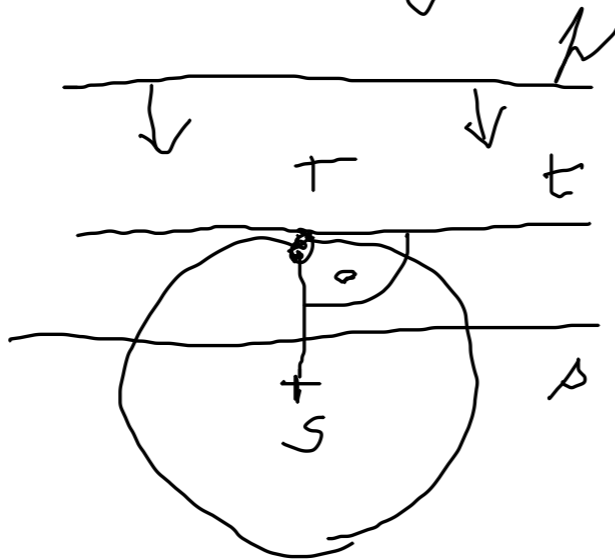
ZRYCHLENÍ



a ... akcelerace

... změna v v čase

Zm. v
směr
obojí



$$1) v_2 - v_1 = 3 \frac{m}{s}$$

$$2) t_2 - t_1 = 5 s$$

$$a_p = \frac{v_2 - v_1}{t_2 - t_1} = \frac{\Delta v}{\Delta t}$$

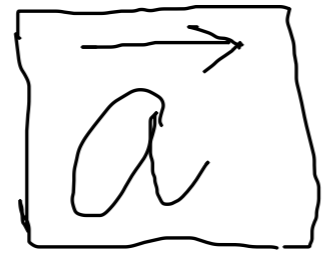


$v = \text{konst}$

směr mění

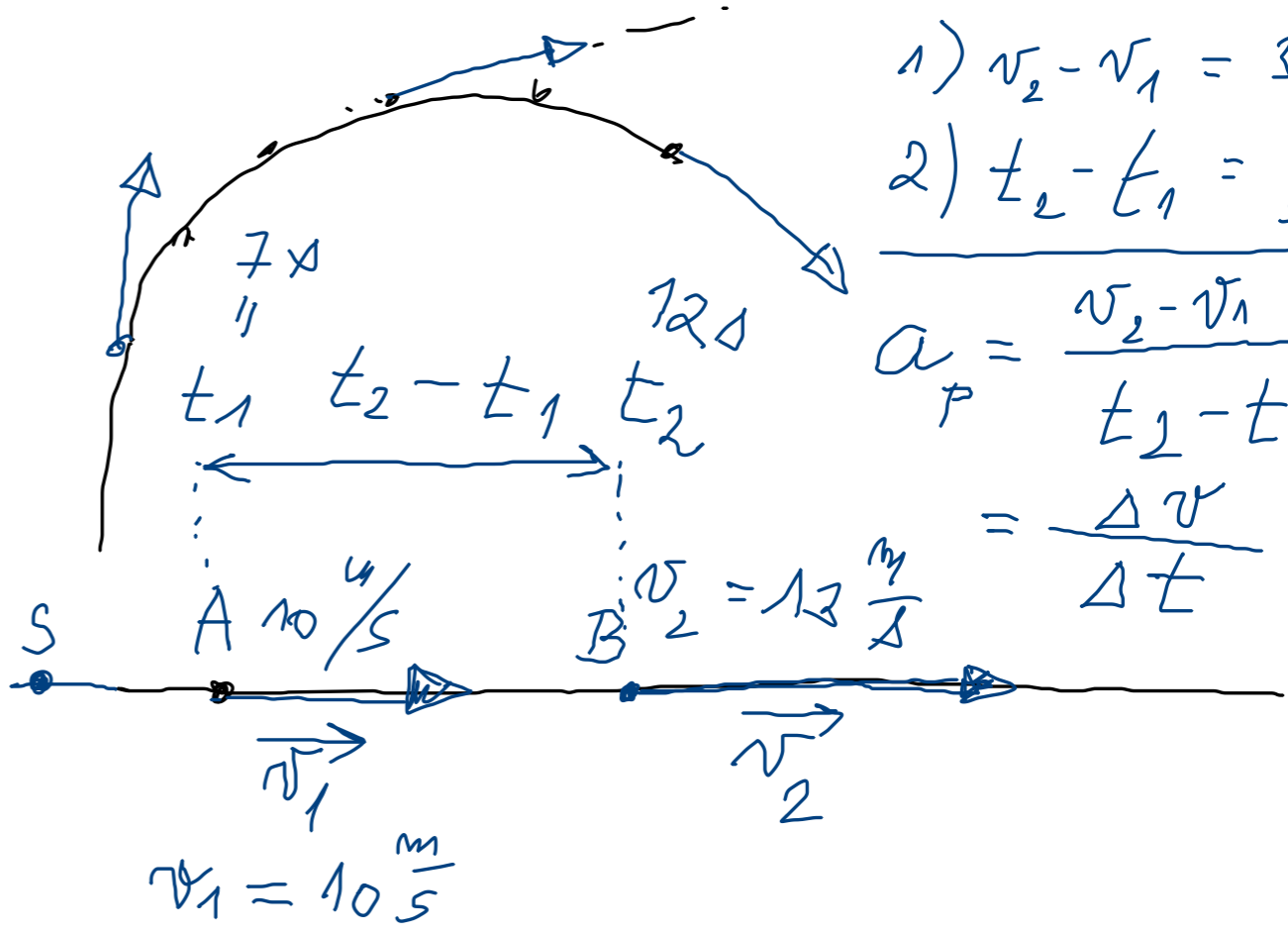
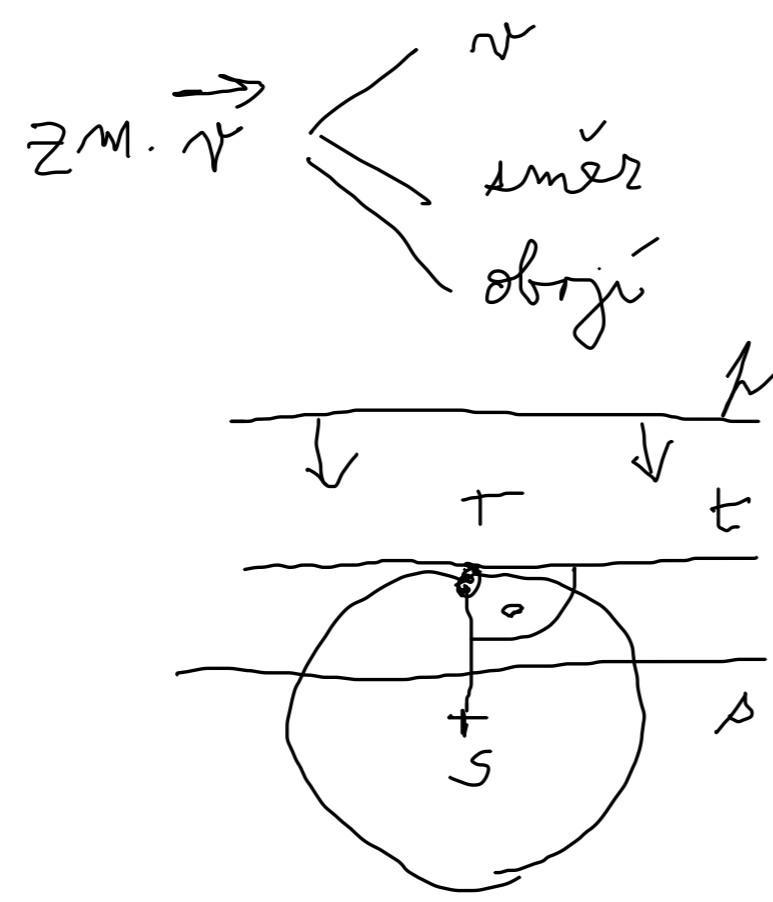
směr mění

ZRYCHLENÍ



a ... akcelerace

... změna v v čase

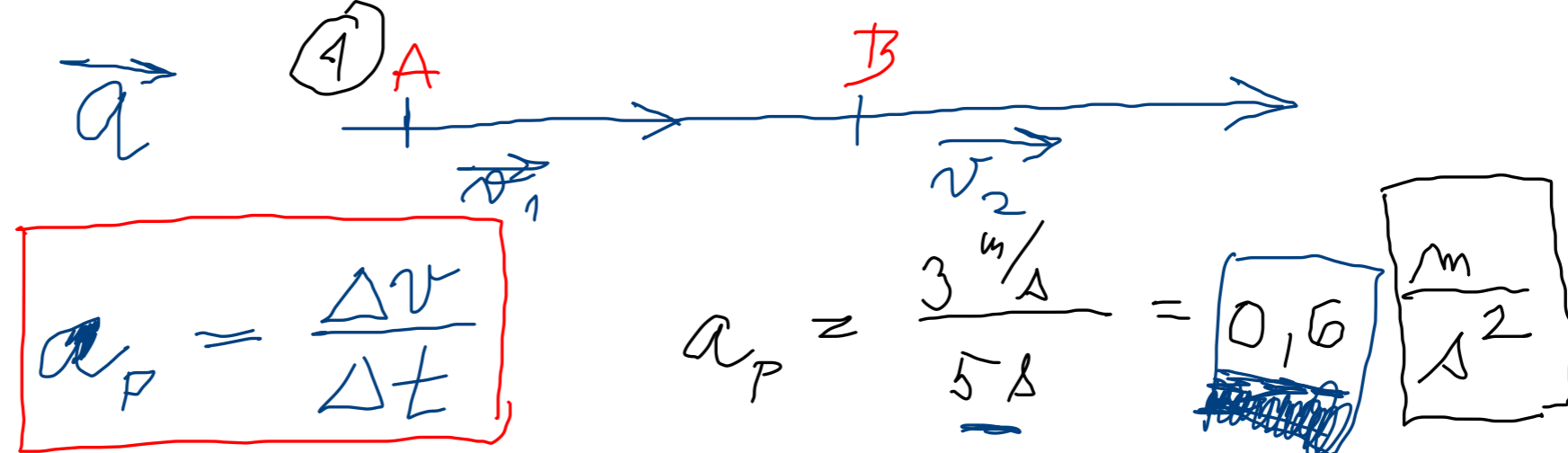


$$1) v_2 - v_1 = 3 \frac{m}{s}$$

$$2) t_2 - t_1 = 5 s$$

$$a_p = \frac{v_2 - v_1}{t_2 - t_1}$$

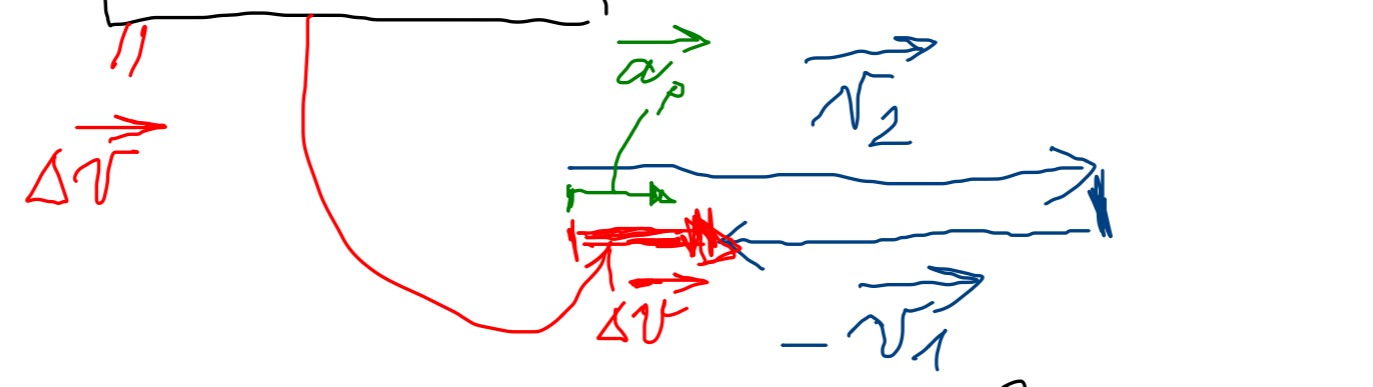
$$= \frac{\Delta v}{\Delta t}$$



$$\frac{\frac{m}{s}}{\frac{s}{1}} = \frac{m}{s} \cdot \frac{1}{s} = \frac{m}{s^2} \quad ; \quad \frac{m}{s} = m \cdot s^{-1}$$

$$\frac{m}{s^2} = m \cdot s^{-2}$$

$$v_2 - v_1 = v_2 + (-v_1)$$



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

