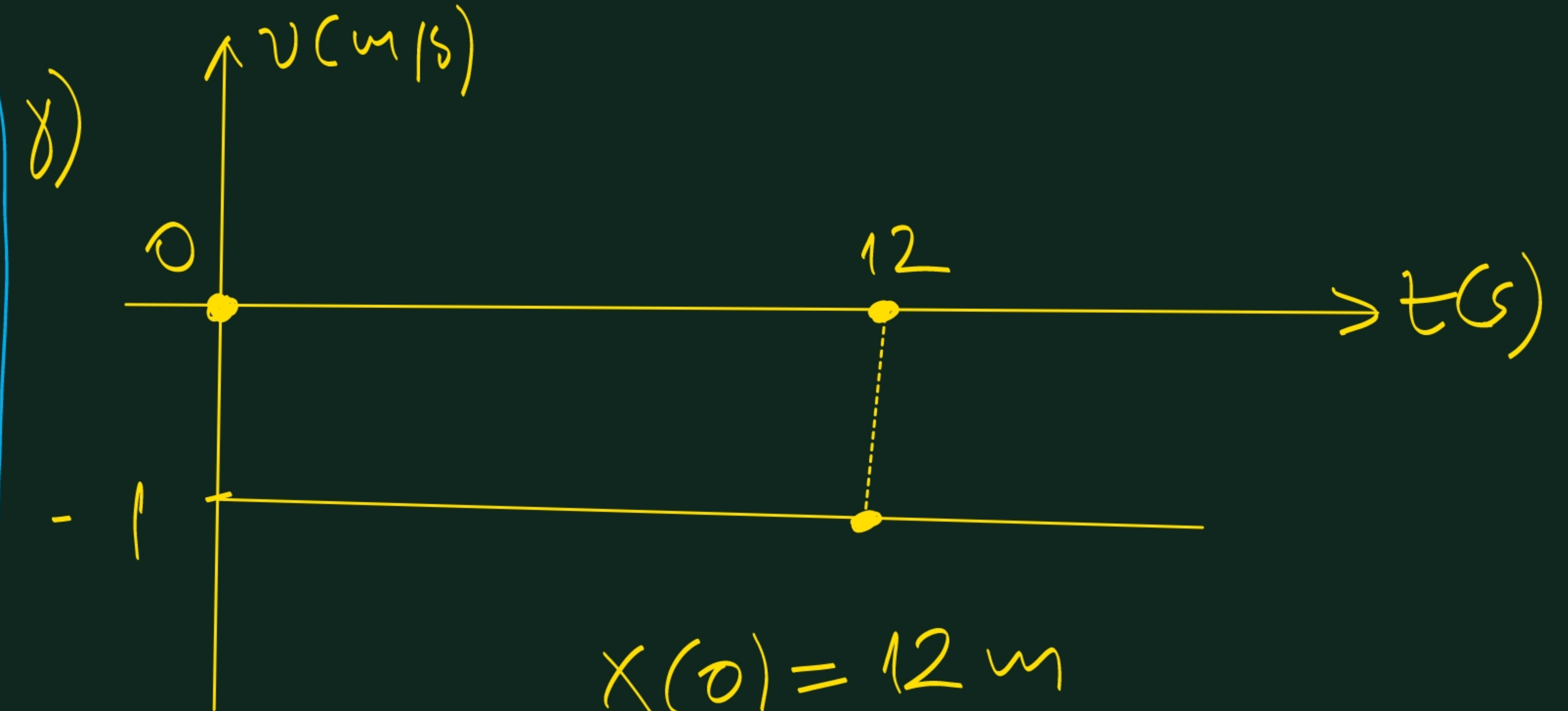


$$b) v = \frac{\Delta x}{\Delta t} \Rightarrow -1 = \frac{\Delta x}{5} \Rightarrow$$

$$\Delta x = -5 \text{ m}$$

0 → 1 → 2 → 3 → 4 → 5
_{1° 2° 3° 4° 5°}



$$x(0) = 12 \text{ m}$$

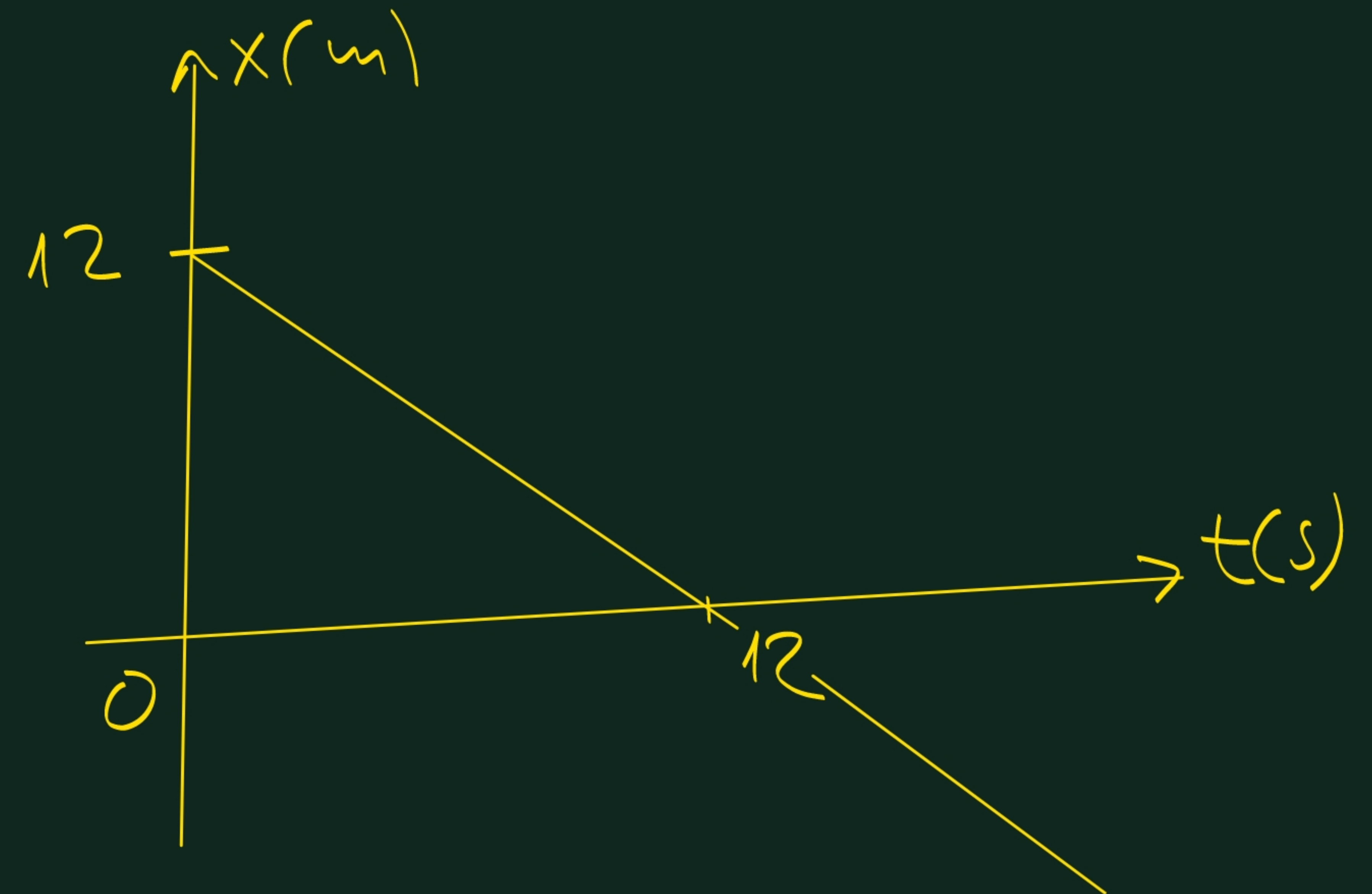
$$x(12) = 12 - 12 = 0 \text{ m}$$

8' _{зробно}

$$\Delta x = x(5) - x(0)$$

$$x(5) = 12 - 5 = 7 \text{ m} \Rightarrow \Delta x = 7 - 12 =$$

$$x(0) = 12 - 0 = 12 \text{ m} \quad \Delta x = -5 \text{ m}$$

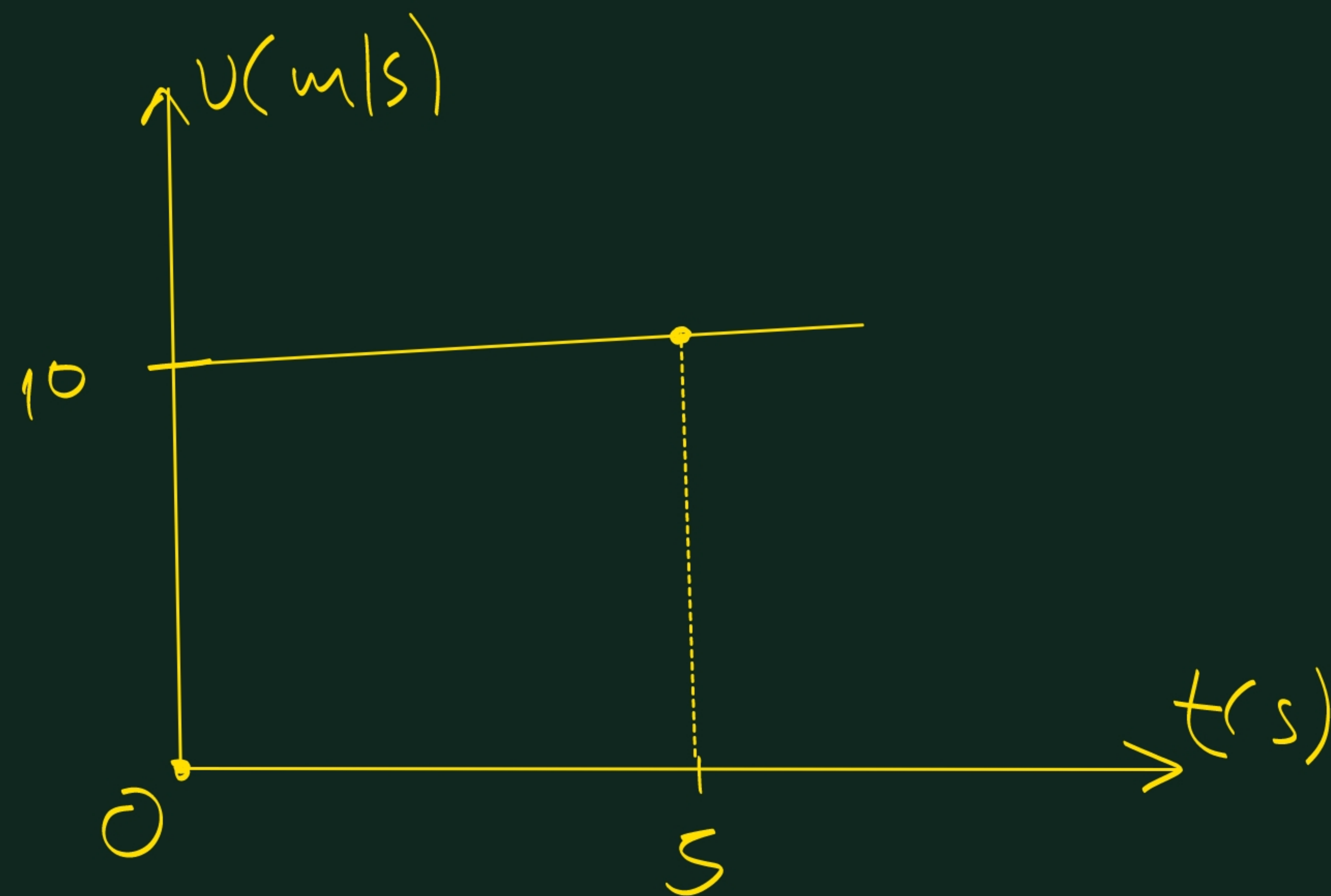


Αδ. 6) 6ελ. 69

$$x = 10t \text{ (SI)}$$

$$x = x_0 + vt \Rightarrow x_0 = 0 \text{ m}$$

$$x = 0 + 10t \quad \text{where } v = 10 \text{ m/s}$$



$t_1 \propto t = 5 \text{ sec}$ έχουμε:

$$x = 10 \cdot 5 = 50 \text{ m}$$

