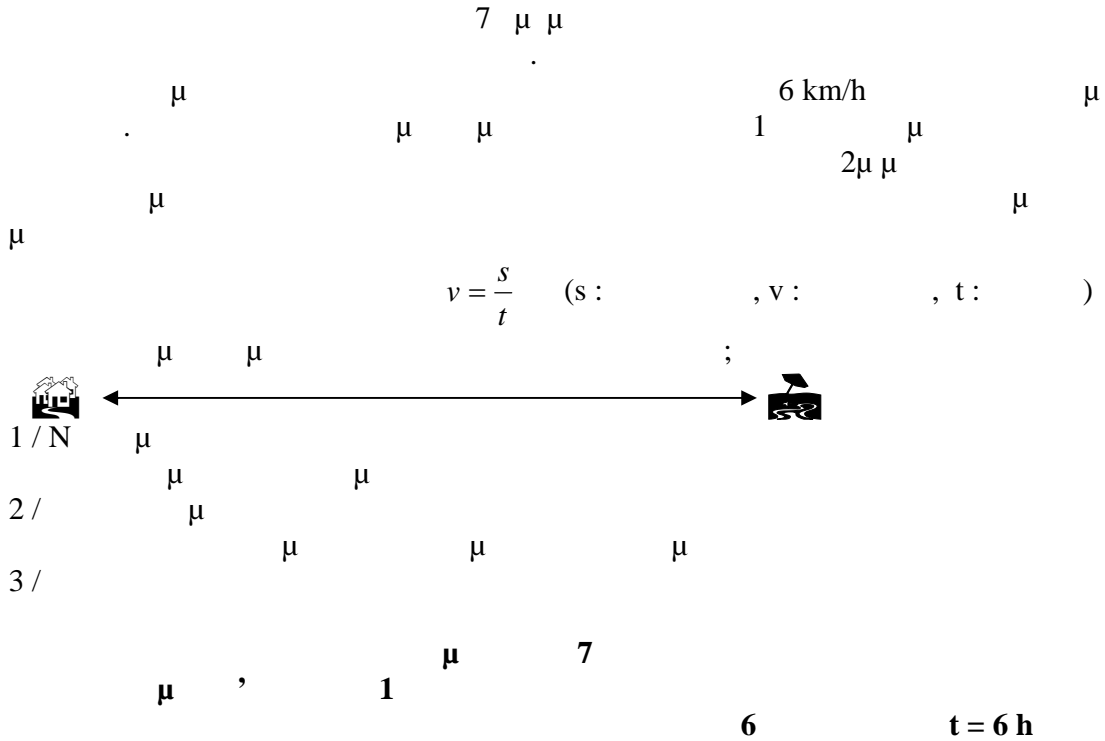
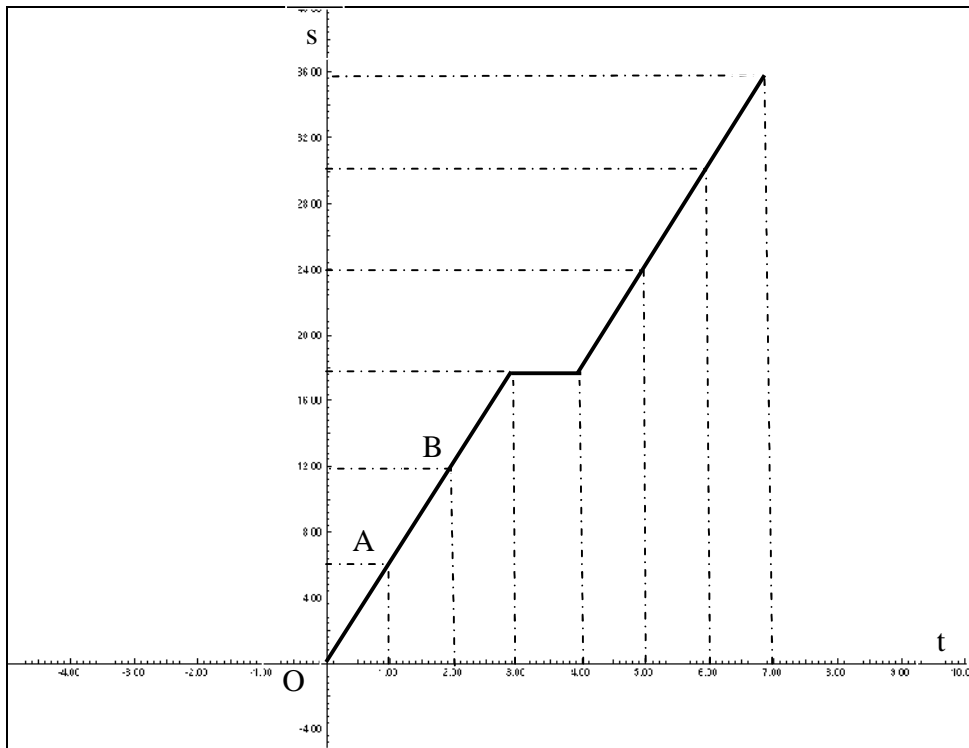


PART I



$v = \frac{s}{t} \mapsto 6 = \frac{s}{6} \mapsto s = 36$

	O	A	B					
t	0	1	2	3	4	5	6	7
s	0	6	12	18	18	24	30	36



$s: \mathbb{T} \rightarrow \mathbb{R} = [0, 7]$
 $R = s(A) = [0, 36]$
 $A = \{t \mid 0 \leq t \leq 7\}$
 $E = \{s \mid 0 \leq s \leq 36\}$

$$s(t) = \begin{cases} 6t & 0 \leq t \leq 3 \\ 18 & 3 < t < 4 \\ 6t - 6 & 4 \leq t \leq 7 \end{cases}$$