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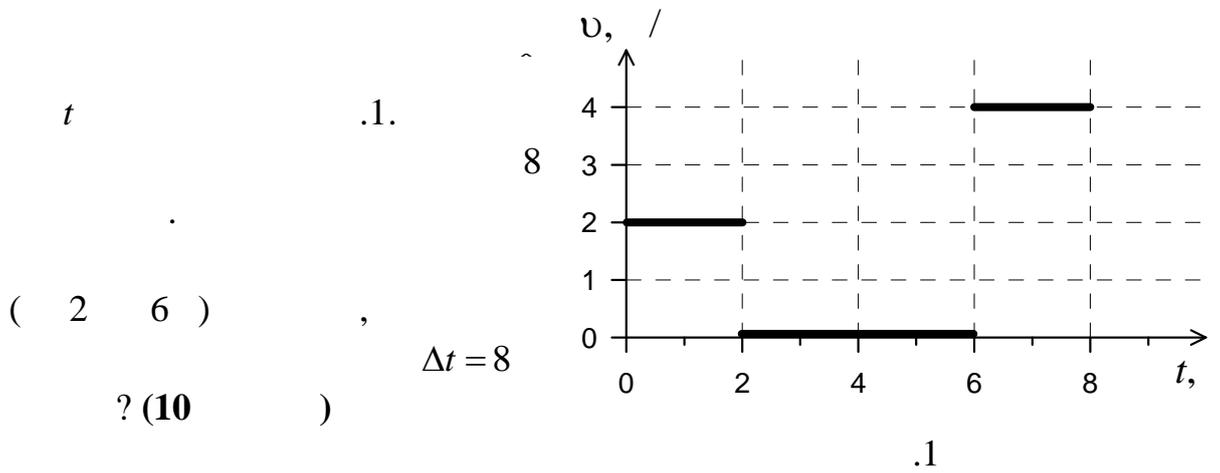
1.

,  $a=4$  ,  $b=10$   $c=200$  ,  
 $V_0=0.5$  .  $N$   
 ?  
 ... = 1 /  $^3$ . (10 )

2.

20 5 . 6  
 2 . . (10 )

3.



4.

-  $\dots_0 = 7800 / ^3$  ,  
 0,5%.  
 ? (10 )