II (   )

7

.

– 2   40   .

1

,

…

1) $(22 \pm 0{,}25)$
2) (22 ± 1)
3) $(24 \pm 0{,}5)$
4) (24 ± 1)

1.   22   ,
,   0,25   .

– 60.   -

.

30   .   ,   .

2

-

0   6 .

II   I,   ,   I
13,5   ?   .
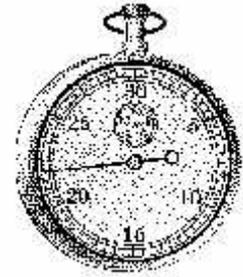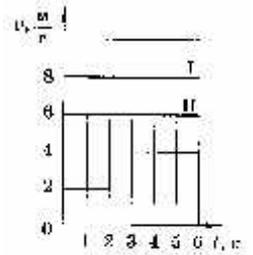
$S = 13{,}5 \cdot 8 = 108$.

$t = 108/6 = 18$.
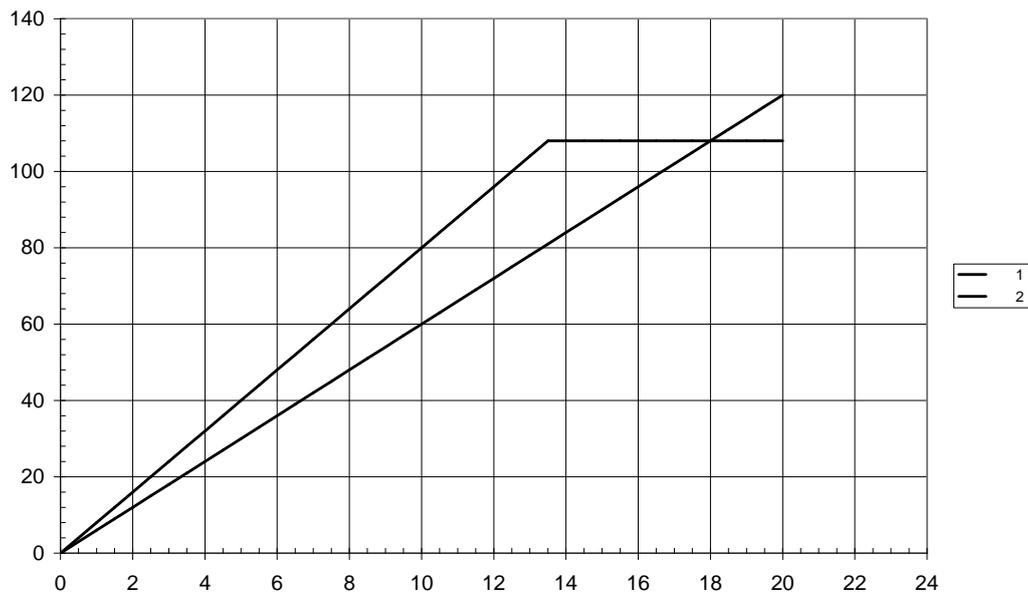
– 60.   .

30   .

3

$a = 4$.

$m = 100$,

7,8 / ³, 10500 / ³

:

$$V = \frac{m}{\ldots} = \frac{100}{7,8} = 12,8 \quad ^3 \qquad\qquad V = \frac{m}{\ldots} = \frac{100}{10,5} = 9,52 \quad ^3$$

$$h_1 = \frac{V}{S} = \frac{12,8}{16} = 0,8$$

$$h_2 = \frac{V}{S} = \frac{9,52}{16} = 0,6$$

$$\Delta h = h_1 - h_2 = 0,2$$

– 80. ,

.

60 . , .

20 , , .

4

. $N_1 = 50$ -

, , ,

$N_2 = 75$. -

?

n_1 , $- n_2$

.

$n_2 = 3n_1$, $N_2 = 1,5\,N_1$,

, $t_2 = t_1/2.$

n_0 .

, N , :

$$N = (n_1 + n_0)t_1 = (3n_1 + n_0)\,t_2 = (3n_1 + n_0)\frac{t_1}{2} \qquad (1)$$

$$2n_1 + 2n_0 = (3n_1 + n_0) \qquad n_1 = n_0$$

(1) $N = N_1 + N_1 = 100.$

, , , -

, . -

, $n_1 = n_0,$

.

– 100. .

80 . , .

30 , , .