

9 .

	()
10	
8	,
5-6	, , (
5	.
2-3	,
0-1	, , () .
0	,

1.

()

?

2.

$$=700 \frac{7}{/ 3} .$$

$$- m,$$

$$- 2 m,$$

$$- 4 m,$$

7m.

$$\frac{7m}{3V}, \dots = \frac{m}{V}, \frac{7}{3} ,$$

$$= \frac{3}{7} = 300 / 3 -$$

$$600 / 3 -$$

$$1200 / 3 -$$

3.

50

75

u -

9

, 1 -

$$u \frac{l}{+u},$$

9

$$n_1 = u \frac{l}{+u} * \frac{N}{l} .$$

$$n_2 = 3u \frac{l}{+u} * \frac{N}{l}$$

N:

$$\begin{cases} \frac{ut}{v+u} \cdot \frac{N}{t} = 50, \\ \frac{3ut}{3u+v} \cdot \frac{N}{t} = 75, \end{cases} \quad \text{или} \quad \begin{cases} 1 + \frac{v}{u} = \frac{N}{50}, \\ 1 + \frac{1}{3} \cdot \frac{v}{u} = \frac{N}{75}. \end{cases}$$

$N=100 \quad \frac{v}{u}=1, \quad \frac{v}{u}>0,$

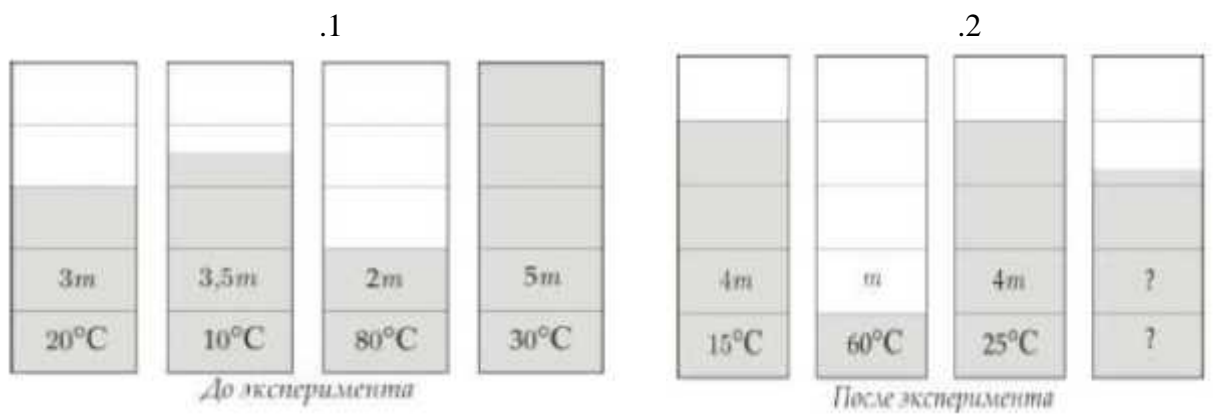
9

4.

(. 1).

(. 2).

?



$$3m+3,5m+2m+5m=4m+m+4m+m_x$$

$$m_x=4,5m$$

- 1)
- 2)
- 3)

Q

Q

$$c_1 m_1 t_1$$

$$3mc \cdot 20^\circ C + 3,5mc \cdot 10^\circ C + 2mc \cdot 80^\circ C + 5mc \cdot 30^\circ C = Q =$$

$$= 4mc \cdot 15^\circ C + mc \cdot 60^\circ C + 4mc \cdot 25^\circ C + m_x c t_x.$$

С учетом $m_x = 4,5m$, получим $t_x = 41,1^\circ C$.

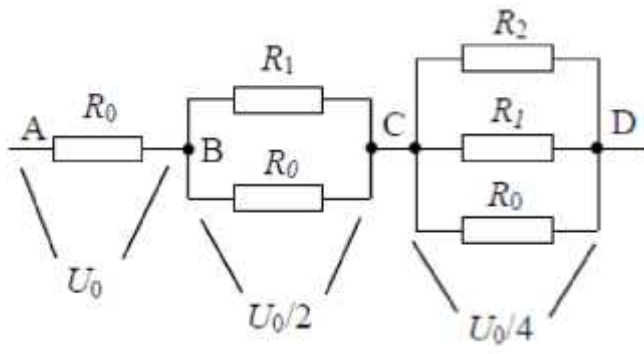
5.

$U_0/4$, R_2 , CD (. .).

R_0

R_1

$U_0, U_0/2$



R_2 , $R_1 = R_0$ $R_2 = R_0/2$.
 U_0/R_0
 $U_0/(2R_0)$.