

8 .

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

1.

? , . , ? , . , .



1. / - , /
2. 
$$= (750 - 740) / 10 = 1 \dots ;$$

$$= (1000 - 990) / 10 = 1 \dots ;$$

$$= (20 - 10) / 10 = 1 \dots$$

3. :  

$$- 740 \pm 1 \dots$$

$$- 983 \pm 1$$

$$22 \pm 1$$

2.

8 ,  
 « », 3 ,  
 - 5 .  
 8 , , ?

L, u, t.

$$L = (v + u)t_1, L = ut_2, L = \frac{v}{v_1}t$$

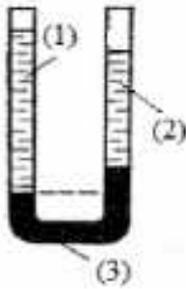
$$t = \frac{v_1 t_1 t_2}{t_2 - t_1} = 15$$

10, (3)

(1) 20, (2)

15 ( . . ).

5 . ( =900 / <sup>3</sup>, =600 / <sup>3</sup> )



$$\rho_1 g h_1 = \rho_2 g h_2 + \rho_3 g h_3$$

$$h_3 = \frac{\rho_1 h_1 - \rho_2 h_2}{\rho_3}$$

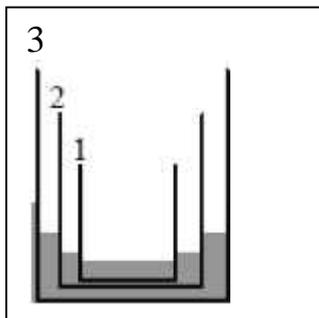
$$h_3 = 1800 / \text{cm}^3$$

4.

5, 10, 15 ( . . ).

10 <sup>2</sup>, 20 <sup>2</sup>, 30 <sup>2</sup>.

- 1 / <sup>3</sup>.



, , ,  
 .  
 ,  
 : ;  $S_2$   $h_2 -$  ( -  
 )  
 $V . -$  ;  $h_3 -$   
 $gV . = g S_2 . h_3$

$$\begin{aligned}
 m_2 g + g S_2 h_2 &= g S_2 h_3 \\
 m_2 g &= g S_2 h_{32}, (1) \\
 h_{32} &-
 \end{aligned}$$

$$\begin{aligned}
 &S_2, (1) \\
 h_{32} &= m_2 / S_2. m_2 = 2m, S_2 = 2 S, \\
 h_{32} &= m / S (2)
 \end{aligned}$$

$$, h_{12} / h_{32} = 1$$