

7

7.1.

_____ : 4 30 . _____ . 25%.
 _____ , v - 1,25 v.
 $\frac{a}{v} = 5$.
 $\frac{a}{2v} + \frac{a}{2 \cdot 1,25v} = \frac{4,5 a}{5 v} = 4,5$ ().

7.2.

25 80 5- .
 _____ .
 40 40
 5 2
 10, 20 40
 5 20
 7.3. 007 .
 $0,07 = \frac{1}{m} + \frac{1}{n}$.
 _____ : _____ . $0,07 = 0,02 + 0,05 = \frac{1}{50} + \frac{1}{20}$.

7.4.

_____ : _____ .
 $2\left(\frac{1}{6} + \frac{5}{6}\right) = 2$ $2\left(\frac{4}{6} + \frac{5}{6}\right) = 3$.
 _____ : _____ .
 $2(a+x)$ $2(2a-x)$. 6 , , $a = \frac{n}{6}$,
 $a+x = \frac{m}{2}$ (m -) . = 5, = 2

7.5.

1, 2, 3, ..., (),
 _____ :) ;) . _____ ,) = 100;) = 99?
 _____ ,
 3,

.) $1+2+\dots+100$ 3 (,
 $1+2+\dots+100 = 101 \cdot 50;$ 100 :
 $(1+2+3) + (4+5+6) + \dots + (97+98+99) + 100,$ 3,
 $100 \quad 3 \quad) \quad 99$
 $(1+2+\dots+9) + (10+11+\dots+18) + \dots + (91+92+\dots+99).$
 $9k+1, 9k+2, \dots, 9k+9$, : $9k+1 +$
 $9k+5 + 9k+9 = 9k+2 + 9k+6 + 9k+7 = 9k+3 + 9k+4 + 9k+8.$
 $k = 0, 1, \dots, 10,$
 .