

II ()

7

1. $\frac{20102010}{20112011} = \frac{2010 \cdot 10001}{2011 \cdot 10001} = \frac{2010}{2011}$

2. $\frac{2}{5} \cdot \frac{10}{3} \cdot \frac{21}{22} \cdot \frac{11}{14} = \frac{2 \cdot 10 \cdot 21 \cdot 11}{5 \cdot 3 \cdot 22 \cdot 14} = 1$

$\frac{2}{5} \cdot \frac{10}{3} \cdot \frac{21}{22} \cdot \frac{11}{14} = 1$

, 13 . , 13 ,
: 13.00

3. ,
300 , 300 3=900 .

1	2	3
3	1	2
2	3	1

4. a , $2a$, $\frac{a}{3}$, $\frac{a}{2}$, $(\frac{a}{3} + \frac{a}{2})$, $2a$.

$$\frac{\frac{2a}{\frac{a}{3} + \frac{a}{2}}}{2} = \frac{\frac{2a}{\frac{2a+3a}{6}}}{2} = \frac{\frac{12a}{5a}}{2} = 2.4$$

$(\frac{2a}{\frac{a}{3} + \frac{a}{2}})$. ,
 ,
 .40 .
 : 2 .40 .

5. , 1- 30- . - - -
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 (1- 30-). , -
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