33

1. Пресметнете и запишете с несъкратима дроб стойността на израза:

а) $\underset{12}{\underbrace{\overset{1}{\frac{5}{12}}+\overset{4}{\frac{1}{3}}}}=\frac{\quad}{12}+\frac{\quad}{12}=\frac{\quad}{12}=\frac{\quad}{\quad}$;

б) $\underset{\quad}{\underbrace{\frac{7}{24}+\frac{1}{30}}}=\frac{\quad}{\quad}+\frac{\quad}{\quad}=\frac{\quad}{\quad}=\frac{\quad}{\quad}$;

в) $\underset{\quad}{\underbrace{\frac{7}{22}+\frac{1}{6}}}=\frac{\quad}{\quad}+\frac{\quad}{\quad}=\frac{\quad}{\quad}=\frac{\quad}{\quad}$;

г) $\underset{\quad}{\underbrace{\frac{19}{84}+\frac{5}{12}}}=\frac{\quad}{\quad}+\frac{\quad}{\quad}=\frac{\quad}{\quad}=\frac{\quad}{\quad}$.

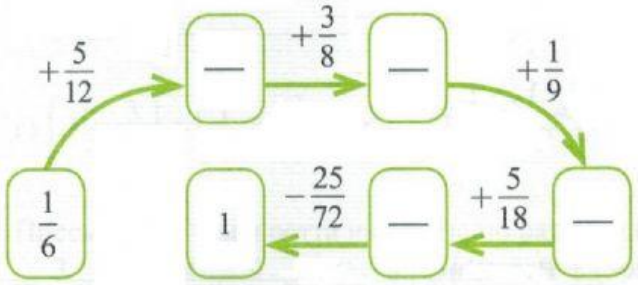
24, 30 |

НОК(24, 30) = ___

22, 6 |

НОК(22, 6) = ___

2. Попълнете липсващите числа в схемата:



$\frac{1}{6}+\frac{5}{12}=\frac{\quad}{\quad}+\frac{\quad}{\quad}=\frac{\quad}{\quad}$; $\frac{\quad}{\quad}-\frac{25}{72}=\frac{\quad}{\quad}$

$\frac{\quad}{\quad}+\frac{3}{8}=\frac{\quad}{\quad}+\frac{\quad}{\quad}=\frac{\quad}{\quad}$

$\frac{\quad}{\quad}+\frac{1}{9}=\frac{\quad}{\quad}+\frac{\quad}{\quad}=\frac{\quad}{\quad}$

$\frac{\quad}{\quad}+\frac{5}{18}=\frac{\quad}{\quad}+\frac{\quad}{\quad}=\frac{\quad}{\quad}$

3. Естественото число x в равенството

☑ $\frac{5}{12}+\frac{7}{30}=\frac{x}{20}$ е равно на:

а) 39; в) 13;

б) 15; г) 20.

$\overset{\smile}{\frac{5}{12}}+\overset{\smile}{\frac{7}{30}}=\overset{\smile}{\frac{x}{20}}$ $\frac{\quad}{\quad}+\frac{\quad}{\quad}=\frac{\quad}{\quad}$

$\frac{\quad}{\quad}=\frac{\quad}{\quad}$ $.x=$

$x=$ $x=$

12, 20, 30 |

НОК(12, 20, 30) = ___

4. Стойността на израза $\left(\frac{9}{16}+\frac{7}{8}\right)-\frac{15}{16}$ е:

а) $\frac{3}{8}$; б) $\frac{1}{2}$; в) $\frac{7}{16}$; г) $\frac{1}{16}$.

$\left(\frac{9}{16}+\overset{\smile}{\frac{7}{8}}\right)-\frac{15}{16}=\left(\frac{\quad}{\quad}+\frac{\quad}{\quad}\right)-\frac{\quad}{\quad}=\frac{\quad}{\quad}-\frac{\quad}{\quad}=\frac{\quad}{\quad}$

5. Сборът $\frac{1}{3}+\left(\frac{1}{30}+\frac{1}{300}\right)$ е равен на:

а) $\frac{1}{100}$; б) $\frac{37}{100}$; в) $\frac{111}{333}$; г) $\frac{37}{300}$.

$\frac{1}{3}+\left(\overset{\smile}{\frac{1}{30}}+\frac{1}{300}\right)=\frac{1}{3}+\left(\frac{\quad}{\quad}+\frac{1}{300}\right)=\overset{\smile}{\frac{1}{3}}+\frac{\quad}{\quad}=$

$=\frac{\quad}{\quad}+\frac{\quad}{\quad}=\frac{\quad}{\quad}=\frac{\quad}{\quad}$

6. Стойността на израза $\left(\frac{13}{27}-\frac{4}{27}\right)+\left(\frac{2}{9}+\frac{1}{3}\right)$ е:

а) $\frac{23}{27}$; в) $\frac{26}{27}$;

б) $\frac{7}{9}$; г) $\frac{8}{9}$.

$\left(\frac{13}{27}-\frac{4}{27}\right)+\left(\frac{2}{9}+\overset{\smile}{\frac{1}{3}}\right)=\frac{\quad}{\quad}+\left(\frac{2}{9}+\frac{\quad}{\quad}\right)=\frac{\quad}{\quad}+\frac{\quad}{\quad}=$

$=\frac{\quad}{\quad}+\frac{\quad}{\quad}=\frac{\quad}{\quad}=\frac{\quad}{\quad}$