

Addition of Vulgar Fractions

Rule

Reduce compound fractions to single ones mixed numbers to improper fractions & all of them to their least common denominator by base 6 Rule 2 then the sum of the numerators written over the common denominator will be the sum of the fractions required

Examples

Add $12\frac{1}{2}$, $3\frac{2}{3}$ and $4\frac{1}{4}$ together

$$\begin{array}{r} 12\frac{1}{2} \\ 3\frac{2}{3} \\ 4\frac{1}{4} \\ \hline 20\frac{13}{12} \\ 20\frac{10}{12} \\ 20\frac{11}{12} \\ \hline 60\frac{34}{12} \\ 60\frac{27}{12} \\ 60\frac{22}{12} \\ \hline 180\frac{83}{12} \\ 180\frac{67}{12} \\ 180\frac{55}{12} \\ \hline 540\frac{205}{12} \\ 540\frac{169}{12} \\ 540\frac{154}{12} \\ \hline 1620\frac{528}{12} \\ 1620\frac{418}{12} \\ 1620\frac{385}{12} \\ \hline 4860\frac{1331}{12} \\ 4860\frac{1099}{12} \\ 4860\frac{992}{12} \\ \hline 14580\frac{3422}{12} \\ 14580\frac{2747}{12} \\ 14580\frac{2486}{12} \\ \hline 43740\frac{8655}{12} \\ 43740\frac{7094}{12} \\ 43740\frac{6463}{12} \\ \hline 131220\frac{20212}{12} \\ 131220\frac{16730}{12} \\ 131220\frac{15154}{12} \\ \hline 393660\frac{52096}{12} \\ 393660\frac{42175}{12} \\ 393660\frac{38882}{12} \\ \hline 1180980\frac{133153}{12} \\ 1180980\frac{109974}{12} \\ 1180980\frac{99548}{12} \\ \hline 3542940\frac{342875}{12} \\ 3542940\frac{274949}{12} \\ 3542940\frac{248814}{12} \\ \hline 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