



分数

3つの分数のたし算とひき算(1)

年

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名前

● 次の分数の計算をしましょう。

$$\begin{aligned} ① \quad & \frac{2}{3} + \frac{3}{4} + \frac{1}{6} \\ &= \frac{8}{12} + \frac{9}{12} + \frac{2}{12} \\ &= \frac{17}{12} + \frac{2}{12} \\ &= \frac{19}{12} \left(1\frac{7}{12} \right) \end{aligned}$$

$$\begin{aligned} ② \quad & \frac{7}{8} - \frac{1}{3} - \frac{1}{4} \\ &= \frac{21}{24} - \frac{8}{24} - \frac{6}{24} \\ &= \frac{13}{24} - \frac{6}{24} \\ &= \frac{7}{24} \end{aligned}$$

$$\begin{aligned} ③ \quad & \frac{5}{8} - \frac{1}{3} + \frac{1}{6} \\ &= \frac{15}{24} - \frac{8}{24} + \frac{4}{24} \\ &= \frac{7}{24} + \frac{4}{24} \\ &= \frac{11}{24} \end{aligned}$$

$$\begin{aligned} ④ \quad & 1\frac{5}{6} + \frac{2}{9} - \frac{3}{4} \\ &= 1\frac{30}{36} + \frac{8}{36} - \frac{27}{36} \\ &= 1\frac{38}{36} - \frac{27}{36} \\ &= 1\frac{11}{36} \end{aligned}$$

$$\begin{aligned} ⑤ \quad & 2\frac{3}{5} - \frac{3}{4} - \frac{1}{2} \\ &= 2\frac{12}{20} - \frac{15}{20} - \frac{10}{20} \\ &= 1\frac{32}{20} - \frac{15}{20} - \frac{10}{20} \\ &= 1\frac{17}{20} - \frac{10}{20} \\ &= 1\frac{7}{20} \end{aligned}$$

$$\begin{aligned} ⑥ \quad & 1\frac{3}{4} + 2\frac{2}{3} + \frac{5}{6} \\ &= 1\frac{9}{12} + 2\frac{8}{12} + \frac{10}{12} \\ &= 3\frac{17}{12} + \frac{10}{12} \\ &= 3\frac{27}{12} = 3\frac{27 \div 3}{12 \div 3} \\ &= 3\frac{9}{4} = 5\frac{1}{4} \end{aligned}$$