



分数

3つの分数のたし算とひき算(8)

年

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名前

● 次の分数の計算をしましょう。

$$\begin{aligned} ① \quad & \frac{5}{6} + \frac{3}{10} + \frac{1}{4} \\ &= \frac{50}{60} + \frac{18}{60} + \frac{15}{60} \\ &= \frac{68}{60} + \frac{15}{60} \\ &= \frac{83}{60} \left(1 \frac{23}{60} \right) \end{aligned}$$

$$\begin{aligned} ② \quad & \frac{13}{16} - \frac{1}{4} - \frac{3}{8} \\ &= \frac{13}{16} - \frac{4}{16} - \frac{6}{16} \\ &= \frac{9}{16} - \frac{6}{16} \\ &= \frac{3}{16} \end{aligned}$$

$$\begin{aligned} ③ \quad & \frac{9}{10} - \frac{2}{7} + \frac{1}{14} \\ &= \frac{63}{70} - \frac{20}{70} + \frac{5}{70} \\ &= \frac{43}{70} + \frac{5}{70} \\ &= \frac{48}{70} = \frac{48 \div 2}{70 \div 2} \\ &= \frac{24}{35} \end{aligned}$$

$$\begin{aligned} ④ \quad & 2\frac{5}{12} + \frac{7}{18} - \frac{1}{6} \\ &= 2\frac{15}{36} + \frac{14}{36} - \frac{6}{36} \\ &= 2\frac{29}{36} - \frac{6}{36} \\ &= 2\frac{23}{36} \end{aligned}$$

$$\begin{aligned} ⑤ \quad & 3\frac{5}{14} - 1\frac{2}{3} - \frac{1}{7} \\ &= 3\frac{15}{42} - 1\frac{28}{42} - \frac{6}{42} \\ &= 2\frac{57}{42} - 1\frac{28}{42} - \frac{6}{42} \\ &= 1\frac{29}{42} - \frac{6}{42} \\ &= 1\frac{23}{42} \end{aligned}$$

$$\begin{aligned} ⑥ \quad & 2\frac{7}{12} + 1\frac{5}{18} + \frac{11}{12} \\ &= 2\frac{21}{36} + 1\frac{10}{36} + \frac{33}{36} \\ &= 3\frac{31}{36} + \frac{33}{36} \\ &= 3\frac{64}{36} = 3\frac{64 \div 4}{36 \div 4} \\ &= 3\frac{16}{9} = 4\frac{7}{9} \end{aligned}$$