



分数

3つの分数のたし算とひき算(7)

年

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名前

● 次の分数の計算をしましょう。

$$\begin{aligned} ① \quad & \frac{3}{8} + \frac{4}{7} + \frac{1}{4} \\ &= \frac{21}{56} + \frac{32}{56} + \frac{14}{56} \\ &= \frac{53}{56} + \frac{14}{56} \\ &= \frac{67}{56} \left(1 \frac{11}{56} \right) \end{aligned}$$

$$\begin{aligned} ② \quad & \frac{11}{14} - \frac{1}{7} - \frac{1}{3} \\ &= \frac{33}{42} - \frac{6}{42} - \frac{14}{42} \\ &= \frac{27}{42} - \frac{14}{42} \\ &= \frac{13}{42} \end{aligned}$$

$$\begin{aligned} ③ \quad & \frac{7}{9} - \frac{1}{6} + \frac{1}{12} \\ &= \frac{28}{36} - \frac{6}{36} + \frac{3}{36} \\ &= \frac{22}{36} + \frac{3}{36} \\ &= \frac{25}{36} \end{aligned}$$

$$\begin{aligned} ④ \quad & 1 \frac{7}{10} + \frac{2}{3} - \frac{1}{5} \\ &= 1 \frac{21}{30} + \frac{20}{30} - \frac{6}{30} \\ &= 1 \frac{41}{30} - \frac{6}{30} \\ &= 1 \frac{35}{30} = 1 \frac{35 \div 5}{30 \div 5} \\ &= 1 \frac{7}{6} = 2 \frac{1}{6} \end{aligned}$$

$$\begin{aligned} ⑤ \quad & 4 \frac{4}{9} - 2 \frac{5}{6} - \frac{1}{12} \\ &= 4 \frac{16}{36} - 2 \frac{30}{36} - \frac{3}{36} \\ &= 3 \frac{52}{36} - 2 \frac{30}{36} - \frac{3}{36} \\ &= 1 \frac{22}{36} - \frac{3}{36} \\ &= 1 \frac{19}{36} \end{aligned}$$

$$\begin{aligned} ⑥ \quad & 1 \frac{5}{6} + 2 \frac{3}{8} + \frac{7}{12} \\ &= 1 \frac{20}{24} + 2 \frac{9}{24} + \frac{14}{24} \\ &= 3 \frac{29}{24} + \frac{14}{24} \\ &= 3 \frac{43}{24} \\ &= 4 \frac{19}{24} \end{aligned}$$