



分数

3つの分数のたし算とひき算(5)

年

組

名前

● 次の分数の計算をしましょう。

$$\begin{aligned} ① \quad & \frac{5}{8} + \frac{2}{9} + \frac{1}{6} \\ &= \frac{45}{72} + \frac{16}{72} + \frac{12}{72} \\ &= \frac{61}{72} + \frac{12}{72} \\ &= \frac{73}{72} \left(1\frac{1}{72} \right) \end{aligned}$$

$$\begin{aligned} ② \quad & \frac{13}{15} - \frac{1}{6} - \frac{1}{5} \\ &= \frac{26}{30} - \frac{5}{30} - \frac{6}{30} \\ &= \frac{21}{30} - \frac{6}{30} \\ &= \frac{15}{30} = \frac{15 \div 15}{30 \div 15} \\ &= \frac{1}{2} \end{aligned}$$

$$\begin{aligned} ③ \quad & \frac{4}{7} - \frac{1}{3} + \frac{5}{21} \\ &= \frac{12}{21} - \frac{7}{21} + \frac{5}{21} \\ &= \frac{5}{21} + \frac{5}{21} \\ &= \frac{10}{21} \end{aligned}$$

$$\begin{aligned} ④ \quad & 2\frac{5}{12} + \frac{3}{8} - \frac{1}{4} \\ &= 2\frac{10}{24} + \frac{9}{24} - \frac{6}{24} \\ &= 2\frac{19}{24} - \frac{6}{24} \\ &= 2\frac{13}{24} \end{aligned}$$

$$\begin{aligned} ⑤ \quad & 4\frac{3}{7} - 2\frac{2}{3} - \frac{1}{6} \\ &= 4\frac{18}{42} - 2\frac{28}{42} - \frac{7}{42} \\ &= 3\frac{60}{42} - 2\frac{28}{42} - \frac{7}{42} \\ &= 1\frac{32}{42} - \frac{7}{42} \\ &= 1\frac{25}{42} \end{aligned}$$

$$\begin{aligned} ⑥ \quad & 1\frac{5}{8} + 2\frac{7}{12} + \frac{1}{6} \\ &= 1\frac{15}{24} + 2\frac{14}{24} + \frac{4}{24} \\ &= 3\frac{29}{24} + \frac{4}{24} \\ &= 3\frac{33}{24} = 3\frac{33 \div 3}{24 \div 3} \\ &= 3\frac{11}{8} = 4\frac{3}{8} \end{aligned}$$