



# 分数

## 3つの分数のたし算とひき算(2)

年

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名前

● 次の分数の計算をしましょう。

$$\begin{aligned} ① \quad & \frac{3}{4} + \frac{2}{5} + \frac{1}{10} \\ &= \frac{15}{20} + \frac{8}{20} + \frac{2}{20} \\ &= \frac{23}{20} + \frac{2}{20} \\ &= \frac{25}{20} = \frac{25 \div 5}{20 \div 5} \\ &= \frac{5}{4} \left( 1 \frac{1}{4} \right) \end{aligned}$$

$$\begin{aligned} ④ \quad & 1 \frac{2}{7} + \frac{3}{14} - \frac{1}{3} \\ &= 1 \frac{12}{42} + \frac{9}{42} - \frac{14}{42} \\ &= 1 \frac{21}{42} - \frac{14}{42} \\ &= 1 \frac{7}{42} = 1 \frac{7 \div 7}{42 \div 7} \\ &= 1 \frac{1}{6} \end{aligned}$$

$$\begin{aligned} ② \quad & \frac{11}{12} - \frac{1}{4} - \frac{2}{9} \\ &= \frac{33}{36} - \frac{9}{36} - \frac{8}{36} \\ &= \frac{24}{36} - \frac{8}{36} \\ &= \frac{16}{36} = \frac{16 \div 4}{36 \div 4} \\ &= \frac{4}{9} \end{aligned}$$

$$\begin{aligned} ⑤ \quad & 3 \frac{2}{3} - 1 \frac{3}{4} - \frac{2}{5} \\ &= 3 \frac{40}{60} - 1 \frac{45}{60} - \frac{24}{60} \\ &= 2 \frac{100}{60} - 1 \frac{45}{60} - \frac{24}{60} \\ &= 1 \frac{55}{60} - \frac{24}{60} \\ &= 1 \frac{31}{60} \end{aligned}$$

$$\begin{aligned} ③ \quad & \frac{7}{10} - \frac{1}{6} + \frac{2}{15} \\ &= \frac{21}{30} - \frac{5}{30} + \frac{4}{30} \\ &= \frac{16}{30} + \frac{4}{30} \\ &= \frac{20}{30} = \frac{20 \div 10}{30 \div 10} \\ &= \frac{2}{3} \end{aligned}$$

$$\begin{aligned} ⑥ \quad & 1 \frac{4}{5} + 2 \frac{3}{10} + \frac{3}{4} \\ &= 1 \frac{16}{20} + 2 \frac{6}{20} + \frac{15}{20} \\ &= 3 \frac{22}{20} + \frac{15}{20} \\ &= 3 \frac{37}{20} \\ &= 4 \frac{17}{20} \end{aligned}$$