



分数

帯分数のたし算とひき算(1)

年

組

名前

1 次の分数を帯分数のまま通分して、計算しましょう。

$$\begin{aligned} ① \quad & 4\frac{2}{3} + 2\frac{3}{4} \\ &= 4\frac{8}{12} + 2\frac{9}{12} \\ &= 6\frac{17}{12} \\ &= 7\frac{5}{12} \end{aligned}$$

$$\begin{aligned} ② \quad & 3\frac{1}{4} - \frac{5}{6} \\ &= 3\frac{3}{12} - \frac{10}{12} \\ &= 2\frac{15}{12} - \frac{10}{12} \\ &= 2\frac{5}{12} \end{aligned}$$

$$\begin{aligned} ③ \quad & 5\frac{2}{7} - 2\frac{1}{2} \\ &= 5\frac{4}{14} - 2\frac{7}{14} \\ &= 4\frac{18}{14} - 2\frac{7}{14} \\ &= 2\frac{11}{14} \end{aligned}$$

$$\begin{aligned} ④ \quad & 2\frac{1}{6} + \frac{1}{2} \\ &= 2\frac{1}{6} + \frac{3}{6} \\ &= 2\frac{4}{6} = 2\frac{4 \div 2}{6 \div 2} \\ &= 2\frac{2}{3} \end{aligned}$$

2 次の帯分数を仮分数になおしてから通分して、計算しましょう。

$$\begin{aligned} ① \quad & 2\frac{1}{4} - 1\frac{2}{3} \\ &= \frac{9}{4} - \frac{5}{3} \\ &= \frac{27}{12} - \frac{20}{12} \\ &= \frac{7}{12} \end{aligned}$$

$$\begin{aligned} ② \quad & 2\frac{3}{8} - \frac{3}{4} \\ &= \frac{19}{8} - \frac{3}{4} \\ &= \frac{19}{8} - \frac{6}{8} \\ &= \frac{13}{8} \left(1\frac{5}{8} \right) \end{aligned}$$

$$\begin{aligned} ③ \quad & 3\frac{1}{5} - 1\frac{1}{2} \\ &= \frac{16}{5} - \frac{3}{2} \\ &= \frac{32}{10} - \frac{15}{10} \\ &= \frac{17}{10} \left(1\frac{7}{10} \right) \end{aligned}$$

$$\begin{aligned} ④ \quad & 3\frac{1}{6} - 1\frac{2}{3} \\ &= \frac{19}{6} - \frac{5}{3} \\ &= \frac{19}{6} - \frac{10}{6} \\ &= \frac{9}{6} = \frac{9 \div 3}{6 \div 3} \\ &= \frac{3}{2} \left(1\frac{1}{2} \right) \end{aligned}$$