



分数

帯分数のたし算とひき算(7)

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。

$$\begin{aligned} ① \quad & 2\frac{5}{6} + 3\frac{1}{2} \\ &= 2\frac{5}{6} + 3\frac{3}{6} \\ &= 5\frac{8}{6} = 5\frac{8 \div 2}{6 \div 2} \\ &= 5\frac{4}{3} = 6\frac{1}{3} \end{aligned}$$

$$\begin{aligned} ② \quad & 3\frac{2}{3} - 1\frac{7}{12} \\ &= 3\frac{8}{12} - 1\frac{7}{12} \\ &= 2\frac{1}{12} \end{aligned}$$

$$\begin{aligned} ③ \quad & 1\frac{7}{9} + \frac{5}{6} \\ &= 1\frac{14}{18} + \frac{15}{18} \\ &= 1\frac{29}{18} \\ &= 2\frac{11}{18} \end{aligned}$$

$$\begin{aligned} ④ \quad & 3\frac{1}{10} - 2\frac{3}{5} \\ &= 3\frac{1}{10} - 2\frac{6}{10} \\ &= 2\frac{11}{10} - 2\frac{6}{10} \\ &= \frac{5}{10} = \frac{5 \div 5}{10 \div 5} = \frac{1}{2} \end{aligned}$$

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。

$$\begin{aligned} ① \quad & 5\frac{1}{5} - 2\frac{1}{2} \\ &= \frac{26}{5} - \frac{5}{2} \\ &= \frac{52}{10} - \frac{25}{10} \\ &= \frac{27}{10} \left(2\frac{7}{10} \right) \end{aligned}$$

$$\begin{aligned} ② \quad & 3\frac{1}{8} - 1\frac{1}{3} \\ &= \frac{25}{8} - \frac{4}{3} \\ &= \frac{75}{24} - \frac{32}{24} \\ &= \frac{43}{24} \left(1\frac{19}{24} \right) \end{aligned}$$

$$\begin{aligned} ③ \quad & 4\frac{3}{7} - 1\frac{1}{2} \\ &= \frac{31}{7} - \frac{3}{2} \\ &= \frac{62}{14} - \frac{21}{14} \\ &= \frac{41}{14} \left(2\frac{13}{14} \right) \end{aligned}$$

$$\begin{aligned} ④ \quad & 2\frac{1}{14} - 1\frac{1}{2} \\ &= \frac{29}{14} - \frac{3}{2} \\ &= \frac{29}{14} - \frac{21}{14} \\ &= \frac{8}{14} = \frac{8 \div 2}{14 \div 2} \\ &= \frac{4}{7} \end{aligned}$$