

確認問題

分数のたし算, ひき算

10 次の計算をしなさい。

ふりかえろう!

10ページ

$$\begin{aligned}(1) \quad & \frac{3}{5} + \frac{4}{5} \\ &= \frac{3+4}{5} \\ &= \frac{7}{5}\end{aligned}$$

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

$$\begin{aligned}(3) \quad & \frac{3}{7} + \frac{11}{7} \\ &= \frac{3+11}{7} \\ &= \frac{14}{7} = 2\end{aligned}$$

$$\begin{aligned}(4) \quad & \frac{2}{5} - \frac{1}{5} \\ &= \frac{2-1}{5} \\ &= \frac{1}{5}\end{aligned}$$

$$\begin{aligned}(5) \quad & \frac{7}{8} - \frac{1}{8} \\ &= \frac{7-1}{8} \\ &= \frac{6}{8} = \frac{3}{4}\end{aligned}$$

$$\begin{aligned}(6) \quad & \frac{13}{7} - \frac{6}{7} \\ &= \frac{13-6}{7} \\ &= \frac{7}{7} = 1\end{aligned}$$

11 次の計算をしなさい。

ふりかえろう!

11ページ

$$\begin{aligned}(1) \quad & \frac{1}{4} + \frac{1}{5} \\ &= \frac{1 \times 5}{4 \times 5} + \frac{1 \times 4}{5 \times 4} = \frac{5}{20} + \frac{4}{20} \\ &= \frac{5+4}{20} = \frac{9}{20}\end{aligned}$$

$$\begin{aligned}(2) \quad & \frac{1}{3} + \frac{5}{6} \\ &= \frac{1 \times 2}{3 \times 2} + \frac{5}{6} = \frac{2}{6} + \frac{5}{6} \\ &= \frac{2+5}{6} = \frac{7}{6}\end{aligned}$$

$$\begin{aligned}(3) \quad & \frac{1}{6} + \frac{3}{10} \\ &= \frac{1 \times 5}{6 \times 5} + \frac{3 \times 3}{10 \times 3} = \frac{5}{30} + \frac{9}{30} \\ &= \frac{5+9}{30} = \frac{14}{30} = \frac{7}{15}\end{aligned}$$

$$\begin{aligned}(4) \quad & \frac{1}{2} - \frac{1}{5} \\ &= \frac{1 \times 5}{2 \times 5} - \frac{1 \times 2}{5 \times 2} = \frac{5}{10} - \frac{2}{10} \\ &= \frac{5-2}{10} = \frac{3}{10}\end{aligned}$$

$$\begin{aligned}(5) \quad & \frac{8}{15} - \frac{1}{3} \\ &= \frac{8}{15} - \frac{1 \times 5}{3 \times 5} = \frac{8}{15} - \frac{5}{15} \\ &= \frac{8-5}{15} = \frac{3}{15} = \frac{1}{5}\end{aligned}$$

$$\begin{aligned}(6) \quad & 5 - \frac{1}{3} \\ &= \frac{5}{1} - \frac{1}{3} = \frac{5 \times 3}{1 \times 3} - \frac{1}{3} \\ &= \frac{15}{3} - \frac{1}{3} = \frac{15-1}{3} = \frac{14}{3}\end{aligned}$$