

## 分数の正の数、負の数の加法

次の計算をしましょう。

$$\textcircled{1} \left( +\frac{8}{9} \right) + \left( -\frac{2}{3} \right)$$

$$\textcircled{2} \left( +\frac{2}{5} \right) + \left( +\frac{3}{7} \right)$$

$$\textcircled{3} \left( +\frac{3}{10} \right) + \left( +\frac{4}{5} \right)$$

$$\textcircled{4} \left( +\frac{2}{3} \right) + \left( +\frac{7}{8} \right)$$

$$\textcircled{5} \left( -\frac{6}{7} \right) + \left( +\frac{2}{3} \right)$$

$$\textcircled{6} \left( -\frac{5}{8} \right) + \left( +\frac{6}{7} \right)$$

## 分数の正の数、負の数の加法

次の計算をしましょう。

$$\begin{aligned}\textcircled{1} & \left( +\frac{8}{9} \right) + \left( -\frac{2}{3} \right) \\ & = \left( +\frac{8}{9} \right) + \left( -\frac{6}{9} \right) \\ & = + \left( \frac{8}{9} - \frac{6}{9} \right) \\ & = +\frac{2}{9}\end{aligned}$$

$$\begin{aligned}\textcircled{2} & \left( +\frac{2}{5} \right) + \left( +\frac{3}{7} \right) \\ & = \left( +\frac{14}{35} \right) + \left( +\frac{15}{35} \right) \\ & = + \left( \frac{14}{35} + \frac{15}{35} \right) \\ & = +\frac{29}{35}\end{aligned}$$

$$\begin{aligned}\textcircled{3} & \left( +\frac{3}{10} \right) + \left( +\frac{4}{5} \right) \\ & = \left( +\frac{3}{10} \right) + \left( +\frac{8}{10} \right) \\ & = + \left( \frac{3}{10} + \frac{8}{10} \right) \\ & = +\frac{11}{10} = +1\frac{1}{10}\end{aligned}$$

$$\begin{aligned}\textcircled{4} & \left( +\frac{2}{3} \right) + \left( +\frac{7}{8} \right) \\ & = \left( +\frac{16}{24} \right) + \left( +\frac{21}{24} \right) \\ & = + \left( \frac{16}{24} + \frac{21}{24} \right) \\ & = +\frac{37}{24} = +1\frac{13}{24}\end{aligned}$$

$$\begin{aligned}\textcircled{5} & \left( -\frac{6}{7} \right) + \left( +\frac{2}{3} \right) \\ & = \left( -\frac{18}{21} \right) + \left( +\frac{14}{21} \right) \\ & = - \left( \frac{18}{21} - \frac{14}{21} \right) \\ & = -\frac{4}{21}\end{aligned}$$

$$\begin{aligned}\textcircled{6} & \left( -\frac{5}{8} \right) + \left( +\frac{6}{7} \right) \\ & = \left( -\frac{35}{56} \right) + \left( +\frac{48}{56} \right) \\ & = + \left( \frac{48}{56} - \frac{35}{56} \right) \\ & = +\frac{13}{56}\end{aligned}$$