

## 分数の正の数、負の数の加法

次の計算をしましょう。

$$\textcircled{1} \left( +\frac{3}{4} \right) + \left( +\frac{3}{8} \right)$$

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

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

$$\textcircled{4} \left( +\frac{9}{10} \right) + \left( +\frac{4}{5} \right)$$

$$\textcircled{5} \left( -\frac{4}{5} \right) + \left( -\frac{3}{7} \right)$$

$$\textcircled{6} \left( +\frac{5}{11} \right) + \left( +\frac{3}{4} \right)$$

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次の計算をしましょう。

$$\begin{aligned}\textcircled{1} & \left( +\frac{3}{4} \right) + \left( +\frac{3}{8} \right) \\ & = \left( +\frac{6}{8} \right) + \left( +\frac{3}{8} \right) \\ & = + \left( \frac{6}{8} + \frac{3}{8} \right) \\ & = +\frac{9}{8} = +1\frac{1}{8}\end{aligned}$$

$$\begin{aligned}\textcircled{2} & \left( -\frac{2}{9} \right) + \left( +\frac{2}{3} \right) \\ & = \left( -\frac{2}{9} \right) + \left( +\frac{6}{9} \right) \\ & = + \left( \frac{6}{9} - \frac{2}{9} \right) \\ & = +\frac{4}{9}\end{aligned}$$

$$\begin{aligned}\textcircled{3} & \left( +\frac{3}{8} \right) + \left( +\frac{2}{7} \right) \\ & = \left( +\frac{21}{56} \right) + \left( +\frac{16}{56} \right) \\ & = + \left( \frac{21}{56} + \frac{16}{56} \right) \\ & = +\frac{37}{56}\end{aligned}$$

$$\begin{aligned}\textcircled{4} & \left( +\frac{9}{10} \right) + \left( +\frac{4}{5} \right) \\ & = \left( +\frac{9}{10} \right) + \left( +\frac{8}{10} \right) \\ & = + \left( \frac{9}{10} + \frac{8}{10} \right) \\ & = +\frac{17}{10} = +1\frac{7}{10}\end{aligned}$$

$$\begin{aligned}\textcircled{5} & \left( -\frac{4}{5} \right) + \left( -\frac{3}{7} \right) \\ & = \left( -\frac{28}{35} \right) + \left( -\frac{15}{35} \right) \\ & = - \left( \frac{28}{35} + \frac{15}{35} \right) \\ & = -\frac{43}{35} = -1\frac{8}{35}\end{aligned}$$

$$\begin{aligned}\textcircled{6} & \left( +\frac{5}{11} \right) + \left( +\frac{3}{4} \right) \\ & = \left( +\frac{20}{44} \right) + \left( +\frac{33}{44} \right) \\ & = + \left( \frac{20}{44} + \frac{33}{44} \right) \\ & = +\frac{53}{44} = +1\frac{9}{44}\end{aligned}$$