

分数の一次式の項

次の式を、項をまとめて書きましょう。

$$\textcircled{1} \quad \frac{6}{7}x + \frac{4}{11}x$$

$$\textcircled{4} \quad \frac{4}{7}x - \frac{4}{9} + \frac{3}{5}x$$

$$\textcircled{2} \quad \frac{5}{7}x + \frac{3}{4}x$$

$$\textcircled{5} \quad \frac{3}{5}x - \frac{2}{7} + \frac{2}{3}x$$

$$\textcircled{3} \quad \frac{2}{5}x + \frac{2}{9}x$$

$$\textcircled{6} \quad \frac{3}{5}x - \frac{2}{9} + \frac{2}{11}x$$

分数の一次式の項

次の式を、項をまとめて書きましょう。

$$\begin{aligned}\textcircled{1} \quad & \frac{6}{7}x + \frac{4}{11}x \\ & = \frac{66}{77}x + \frac{28}{77}x \\ & = \frac{94}{77}x = 1\frac{17}{77}x\end{aligned}$$

$$\begin{aligned}\textcircled{4} \quad & \frac{4}{7}x - \frac{4}{9} + \frac{3}{5}x \\ & = \frac{20}{35}x + \frac{21}{35}x - \frac{4}{9} \\ & = \frac{41}{35}x - \frac{4}{9} = 1\frac{6}{35}x - \frac{4}{9}\end{aligned}$$

$$\begin{aligned}\textcircled{2} \quad & \frac{5}{7}x + \frac{3}{4}x \\ & = \frac{20}{28}x + \frac{21}{28}x \\ & = \frac{41}{28}x = 1\frac{13}{28}x\end{aligned}$$

$$\begin{aligned}\textcircled{5} \quad & \frac{3}{5}x - \frac{2}{7} + \frac{2}{3}x \\ & = \frac{9}{15}x + \frac{10}{15}x - \frac{2}{7} \\ & = \frac{19}{15}x - \frac{2}{7} = 1\frac{4}{15}x - \frac{2}{7}\end{aligned}$$

$$\begin{aligned}\textcircled{3} \quad & \frac{2}{5}x + \frac{2}{9}x \\ & = \frac{18}{45}x + \frac{10}{45}x \\ & = \frac{28}{45}x\end{aligned}$$

$$\begin{aligned}\textcircled{6} \quad & \frac{3}{5}x - \frac{2}{9} + \frac{2}{11}x \\ & = \frac{33}{55}x + \frac{10}{55}x - \frac{2}{9} \\ & = \frac{43}{55}x - \frac{2}{9}\end{aligned}$$