

分数の一次式の項

次の式を、項をまとめて書きましょう。

$$\textcircled{1} \quad \frac{2}{5}x + \frac{3}{4}x$$

$$\textcircled{4} \quad \frac{2}{3}x + \frac{4}{9} + \frac{5}{7}x$$

$$\textcircled{2} \quad \frac{2}{9}x + \frac{5}{7}x$$

$$\textcircled{5} \quad \frac{2}{9}x + \frac{3}{4} + \frac{3}{4}x$$

$$\textcircled{3} \quad \frac{6}{7}x + \frac{3}{4}x$$

$$\textcircled{6} \quad \frac{2}{3}x - \frac{9}{10} + \frac{5}{11}x$$

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$$\begin{aligned}\textcircled{1} \quad & \frac{2}{5}x + \frac{3}{4}x \\ &= \frac{8}{20}x + \frac{15}{20}x \\ &= \frac{23}{20}x = 1 \frac{3}{20}x\end{aligned}$$

$$\begin{aligned}\textcircled{4} \quad & \frac{2}{3}x + \frac{4}{9} + \frac{5}{7}x \\ &= \frac{14}{21}x + \frac{15}{21}x + \frac{4}{9} \\ &= \frac{29}{21}x + \frac{4}{9} = 1 \frac{8}{21}x + \frac{4}{9}\end{aligned}$$

$$\begin{aligned}\textcircled{2} \quad & \frac{2}{9}x + \frac{5}{7}x \\ &= \frac{14}{63}x + \frac{45}{63}x \\ &= \frac{59}{63}x\end{aligned}$$

$$\begin{aligned}\textcircled{5} \quad & \frac{2}{9}x + \frac{3}{4} + \frac{3}{4}x \\ &= \frac{8}{36}x + \frac{27}{36}x + \frac{3}{4} \\ &= \frac{35}{36}x + \frac{3}{4}\end{aligned}$$

$$\begin{aligned}\textcircled{3} \quad & \frac{6}{7}x + \frac{3}{4}x \\ &= \frac{24}{28}x + \frac{21}{28}x \\ &= \frac{45}{28}x = 1 \frac{17}{28}x\end{aligned}$$

$$\begin{aligned}\textcircled{6} \quad & \frac{2}{3}x - \frac{9}{10} + \frac{5}{11}x \\ &= \frac{22}{33}x + \frac{15}{33}x - \frac{9}{10} \\ &= \frac{37}{33}x - \frac{9}{10} = 1 \frac{4}{33}x - \frac{9}{10}\end{aligned}$$