



分数のたし算とひき算 26

●【たし算・ひき算】

仮分数に直してから計算

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目指せ75点!



名まえ _____

・ 次の分数を仮分数に直してから通分して計算しましょう。(各25点)

① $1\frac{2}{3} + 1\frac{5}{12}$

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③ $4\frac{5}{8} - 1\frac{5}{12}$

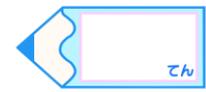
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② $1\frac{5}{8} - \frac{1}{4}$

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④ $2\frac{1}{5} + 2\frac{3}{4}$

=



・ 次の分数を仮分数に直してから通分して計算しましょう。(各25点)

$$\begin{aligned} \textcircled{1} \quad & 1\frac{2}{3} + 1\frac{5}{12} \\ &= \frac{5}{3} + \frac{17}{12} \\ &= \frac{5 \times 4}{3 \times 4} + \frac{17}{12} \\ &= \frac{20}{12} + \frac{17}{12} \\ &= \frac{37}{12} \quad \left(3\frac{1}{12} \right) \end{aligned}$$

$$\begin{aligned} \textcircled{2} \quad & 1\frac{5}{8} - \frac{1}{4} \\ &= \frac{13}{8} - \frac{1}{4} \\ &= \frac{13}{8} - \frac{1 \times 2}{4 \times 2} \\ &= \frac{13}{8} - \frac{2}{8} \\ &= \frac{11}{8} \quad \left(1\frac{3}{8} \right) \end{aligned}$$

$$\begin{aligned} \textcircled{3} \quad & 4\frac{5}{8} - 1\frac{5}{12} \\ &= \frac{37}{8} - \frac{17}{12} \\ &= \frac{37 \times 3}{8 \times 3} - \frac{17 \times 2}{12 \times 2} \\ &= \frac{111}{24} - \frac{34}{24} \\ &= \frac{77}{24} \quad \left(3\frac{5}{24} \right) \end{aligned}$$

$$\begin{aligned} \textcircled{4} \quad & 2\frac{1}{5} + 2\frac{3}{4} \\ &= \frac{11}{5} + \frac{11}{4} \\ &= \frac{11 \times 4}{5 \times 4} + \frac{11 \times 5}{4 \times 5} \\ &= \frac{44}{20} + \frac{55}{20} \\ &= \frac{99}{20} \quad \left(4\frac{19}{20} \right) \end{aligned}$$