



分数のたし算とひき算 23

◎【たし算・ひき算】3つの分数の計算



日にち： 月 日

名まえ _____

・ 次の計算をしましょう (うすい字はなぞろう)

$$\textcircled{1} \quad \frac{2}{3} + \frac{1}{4} + \frac{1}{6} = \frac{2 \times 4}{3 \times 4} + \frac{1 \times 3}{4 \times 3} + \frac{1 \times 2}{6 \times 2}$$
$$=$$

$$\textcircled{2} \quad \frac{2}{3} - \frac{1}{4} - \frac{1}{6} =$$



・ 次の計算をしましょう (うすい字はなぞろう)

$$\begin{aligned} \textcircled{1} \quad \frac{2}{3} + \frac{1}{4} + \frac{1}{6} &= \frac{2 \times 4}{3 \times 4} + \frac{1 \times 3}{4 \times 3} + \frac{1 \times 2}{6 \times 2} \\ &= \frac{8}{12} + \frac{3}{12} + \frac{2}{12} \\ &= \frac{11}{12} + \frac{2}{12} \\ &= \frac{13}{12} \quad \left(1 \frac{1}{12} \right) \end{aligned}$$

$$\begin{aligned} \textcircled{2} \quad \frac{2}{3} - \frac{1}{4} - \frac{1}{6} &= \frac{2 \times 4}{3 \times 4} - \frac{1 \times 3}{4 \times 3} - \frac{1 \times 2}{6 \times 2} \\ &= \frac{8}{12} - \frac{3}{12} - \frac{2}{12} \\ &= \frac{5}{12} - \frac{2}{12} \\ &= \frac{\cancel{3}^1}{\cancel{12}_4} \\ &= \frac{1}{4} \end{aligned}$$