



# 分数のたし算とひき算 10

●【たし算】分母に公約数がある

# 15

目指せ75点!



名まえ \_\_\_\_\_

- ・ <sup>つうぶん</sup>通分してから、たし算をしましょう。(各25点)

①  $\frac{3}{4} + \frac{1}{10}$

=

③  $\frac{5}{7} + \frac{3}{10}$

=

②  $\frac{4}{15} + \frac{1}{6}$

=

④  $\frac{5}{12} + \frac{1}{2}$

=



名まえ \_\_\_\_\_

- ・ <sup>つうぶん</sup>通分してから、たし算をしましょう。(各25点)

$$\begin{aligned} \textcircled{1} \quad & \frac{3}{4} + \frac{1}{10} \\ &= \frac{3 \times 5}{4 \times 5} + \frac{1 \times 2}{10 \times 2} \\ &= \frac{15}{20} + \frac{2}{20} \\ &= \frac{17}{20} \end{aligned}$$

$$\begin{aligned} \textcircled{2} \quad & \frac{4}{15} + \frac{1}{6} \\ &= \frac{4 \times 2}{15 \times 2} + \frac{1 \times 5}{6 \times 5} \\ &= \frac{8}{30} + \frac{5}{30} \\ &= \frac{13}{30} \end{aligned}$$

$$\begin{aligned} \textcircled{3} \quad & \frac{5}{7} + \frac{3}{10} \\ &= \frac{5 \times 10}{7 \times 10} + \frac{3 \times 7}{10 \times 7} \\ &= \frac{50}{70} + \frac{21}{70} \\ &= \frac{71}{70} \left( 1 \frac{1}{70} \right) \end{aligned}$$

$$\begin{aligned} \textcircled{4} \quad & \frac{5}{12} + \frac{1}{2} \\ &= \frac{5}{12} + \frac{1 \times 6}{2 \times 6} \\ &= \frac{5}{12} + \frac{6}{12} \\ &= \frac{11}{12} \end{aligned}$$