

9-1 通分

1.

①  $\frac{4}{6} \frac{3}{6}$     ②  $\frac{8}{20} \frac{5}{20}$     ③  $\frac{5}{20} \frac{6}{20}$     ④  $\frac{3}{24} \frac{4}{24}$     ⑤  $\frac{6}{9} \frac{2}{9}$   
 ⑥  $1\frac{1}{6} \frac{4}{6}$     ⑦  $2\frac{5}{30} 1\frac{18}{30}$     ⑧  $\frac{4}{18} 2\frac{3}{18}$     ⑨  $\frac{3}{6} \frac{4}{6} \frac{1}{6}$     ⑩  $\frac{16}{24} \frac{4}{24} \frac{9}{24}$

2.

①  $\frac{4}{10} \frac{5}{10}$     ②  $\frac{1}{4} \frac{2}{4}$     ③  $\frac{15}{40} \frac{12}{40}$     ④  $\frac{1}{20} \frac{6}{20}$     ⑤  $1\frac{27}{72} \frac{16}{72}$   
 ⑥  $2\frac{6}{39} 1\frac{2}{39}$     ⑦  $\frac{5}{30} \frac{18}{30} \frac{20}{30}$     ⑧  $\frac{2}{20} 1\frac{12}{20} 2\frac{15}{20}$   
 ⑨  $2\frac{19}{18} 3\frac{4}{18} \frac{15}{18}$     ⑩  $3\frac{2}{24} \frac{1}{24} \frac{3}{24}$

9-2 通分

1.

①  $\frac{4}{10} \frac{5}{10}$     ②  $\frac{8}{12} \frac{3}{12}$     ③  $\frac{1}{4} \frac{6}{4}$     ④  $\frac{2}{6} \frac{1}{6}$     ⑤  $\frac{4}{6} \frac{1}{6}$   
 ⑥  $1\frac{3}{12} \frac{8}{12}$     ⑦  $2\frac{5}{15} 1\frac{9}{15}$     ⑧  $\frac{3}{6} 2\frac{1}{6}$     ⑨  $\frac{6}{12} \frac{3}{12} \frac{2}{12}$   
 ⑩  $\frac{10}{30} \frac{6}{30} \frac{5}{30}$

2.

①  $\frac{14}{35} \frac{5}{35}$     ②  $\frac{2}{8} \frac{1}{8}$     ③  $\frac{3}{8} \frac{12}{8}$     ④  $\frac{2}{30} \frac{3}{30}$     ⑤  $1\frac{9}{18} \frac{4}{18}$   
 ⑥  $2\frac{2}{28} 1\frac{1}{28}$     ⑦  $\frac{15}{30} \frac{18}{30} \frac{20}{30}$     ⑧  $\frac{20}{60} 1\frac{36}{60} 2\frac{45}{60}$   
 ⑨  $2\frac{3}{6} 3\frac{4}{6} \frac{5}{6}$     ⑩  $2\frac{4}{24} \frac{1}{24} \frac{3}{24}$

9 - 3 通分

1.

$$\begin{array}{lllll} \textcircled{1} \frac{10}{15} \frac{6}{15} & \textcircled{2} \frac{12}{30} \frac{9}{30} & \textcircled{3} \frac{4}{10} \frac{3}{10} & \textcircled{4} \frac{4}{6} \frac{1}{6} & \textcircled{5} \frac{27}{36} \frac{8}{36} \\ \textcircled{6} 1 \frac{9}{24} \frac{16}{24} & \textcircled{7} 2 \frac{15}{20} 1 \frac{12}{20} & \textcircled{8} \frac{12}{30} 2 \frac{5}{30} & \textcircled{9} \frac{12}{24} \frac{16}{24} \frac{9}{24} \\ \textcircled{10} \frac{18}{24} \frac{4}{24} \frac{9}{24} \end{array}$$

2.

$$\begin{array}{lllll} \textcircled{1} \frac{5}{6} \frac{3}{6} & \textcircled{2} \frac{3}{4} \frac{2}{4} & \textcircled{3} \frac{20}{70} \frac{21}{70} & \textcircled{4} \frac{15}{20} \frac{6}{20} & \textcircled{5} 1 \frac{18}{45} \frac{10}{45} \\ \textcircled{6} 2 \frac{4}{26} 1 \frac{1}{26} & \textcircled{7} \frac{45}{60} \frac{36}{60} \frac{40}{60} & \textcircled{8} \frac{40}{60} 1 \frac{36}{60} 2 \frac{45}{60} \\ \textcircled{9} 2 \frac{36}{54} 3 \frac{12}{54} \frac{45}{54} & \textcircled{10} 3 \frac{16}{24} \frac{1}{24} \frac{3}{24} \end{array}$$

9 - 4 通分

1.

$$\begin{array}{lllll} \textcircled{1} \frac{4}{6} \frac{5}{6} & \textcircled{2} \frac{12}{30} \frac{5}{30} & \textcircled{3} \frac{5}{20} \frac{12}{20} & \textcircled{4} \frac{5}{40} \frac{8}{40} & \textcircled{5} \frac{14}{21} \frac{6}{21} \\ \textcircled{6} 1 \frac{4}{24} \frac{3}{24} & \textcircled{7} 2 \frac{4}{24} 1 \frac{18}{24} & \textcircled{8} \frac{14}{63} 2 \frac{9}{63} & \textcircled{9} \frac{15}{30} \frac{6}{30} \frac{25}{30} \\ \textcircled{10} \frac{16}{24} \frac{20}{24} \frac{9}{24} \end{array}$$

2.

$$\begin{array}{lllll} \textcircled{1} \frac{6}{15} \frac{10}{15} & \textcircled{2} \frac{3}{12} \frac{10}{12} & \textcircled{3} \frac{15}{40} \frac{6}{40} & \textcircled{4} \frac{3}{60} \frac{2}{60} & \textcircled{5} 1 \frac{9}{24} \frac{1}{24} \\ \textcircled{6} 2 \frac{8}{52} 1 \frac{1}{52} & \textcircled{7} \frac{20}{120} \frac{72}{120} \frac{15}{120} & \textcircled{8} \frac{4}{40} 1 \frac{24}{40} 2 \frac{15}{40} \\ \textcircled{9} 2 \frac{9}{18} 3 \frac{6}{18} \frac{15}{18} & \textcircled{10} 3 \frac{2}{24} \frac{7}{24} \frac{8}{24} \end{array}$$

9 - 5 通分

1.

$$\textcircled{1} \frac{6}{15} \frac{5}{15} \quad \textcircled{2} \frac{14}{21} \frac{7}{21} \quad \textcircled{3} \frac{5}{30} \frac{18}{30} \quad \textcircled{4} \frac{4}{12} \frac{4}{12} \quad \textcircled{5} \frac{2}{9} \frac{6}{9}$$

$$\textcircled{6} 1 \frac{2}{22} \frac{11}{22} \quad \textcircled{7} 2 \frac{1}{12} 1 \frac{2}{12} \quad \textcircled{8} \frac{2}{18} 2 \frac{6}{18} \quad \textcircled{9} \frac{18}{36} \frac{9}{36} \frac{2}{36}$$

$$\textcircled{10} \frac{10}{15} \frac{3}{15} \frac{1}{15}$$

2.

$$\textcircled{1} \frac{16}{56} \frac{7}{56} \quad \textcircled{2} \frac{2}{12} \frac{3}{12} \quad \textcircled{3} \frac{12}{20} \frac{3}{20} \quad \textcircled{4} \frac{1}{40} \frac{24}{40} \quad \textcircled{5} 1 \frac{2}{6} \frac{3}{6}$$

$$\textcircled{6} 2 \frac{6}{28} 1 \frac{3}{28} \quad \textcircled{7} \frac{2}{30} \frac{5}{30} \frac{12}{30} \quad \textcircled{8} \frac{1}{20} 1 \frac{15}{20} 2 \frac{6}{20}$$

$$\textcircled{9} 2 \frac{12}{36} 3 \frac{8}{36} \frac{45}{36} \quad \textcircled{10} 3 \frac{4}{24} \frac{3}{24} \frac{12}{24}$$

### 9-6 通分

1.

$$\textcircled{1} \frac{15}{20} \frac{4}{20} \quad \textcircled{2} \frac{9}{12} \frac{4}{12} \quad \textcircled{3} \frac{8}{20} \frac{2}{20} \quad \textcircled{4} \frac{15}{40} \frac{8}{40} \quad \textcircled{5} \frac{7}{28} \frac{8}{28}$$

$$\textcircled{6} 1 \frac{20}{24} \frac{3}{24} \quad \textcircled{7} 2 \frac{9}{30} 1 \frac{2}{30} \quad \textcircled{8} \frac{14}{35} 2 \frac{7}{35} \quad \textcircled{9} \frac{12}{24} \frac{8}{24} \frac{3}{24}$$

$$\textcircled{10} \frac{8}{12} \frac{2}{12} \frac{1}{12}$$

2.

$$\textcircled{1} \frac{6}{14} \frac{7}{14} \quad \textcircled{2} \frac{9}{15} \frac{5}{15} \quad \textcircled{3} \frac{25}{30} \frac{18}{30} \quad \textcircled{4} \frac{2}{34} \frac{3}{34} \quad \textcircled{5} 1 \frac{6}{38} \frac{1}{38}$$

$$\textcircled{6} 2 \frac{2}{24} 1 \frac{1}{24} \quad \textcircled{7} \frac{4}{20} \frac{5}{20} \frac{10}{20} \quad \textcircled{8} \frac{6}{30} 1 \frac{5}{30} 2 \frac{9}{30}$$

$$\textcircled{9} 2 \frac{12}{18} 3 \frac{2}{18} \frac{3}{18} \quad \textcircled{10} 3 \frac{2}{36} \frac{1}{36} \frac{6}{36}$$

