

・次の計算をしましょう。

<例>

$$\textcircled{1} \quad \frac{7}{9} - \frac{2}{9} = \frac{7-2}{9} = \frac{5}{9}$$

分数のひき算では
分子どうしのひき
算をする

$$\textcircled{2} \quad 1 - \frac{5}{8} = \frac{8}{8} - \frac{5}{8} \quad \leftarrow 1 = \frac{8}{8}$$

$$= \frac{8-5}{8} = \frac{3}{8}$$

《練習》

$$\textcircled{1} \quad \frac{8}{11} - \frac{4}{11}$$

$$\textcircled{2} \quad 1 - \frac{1}{7}$$

$$\textcircled{1} \quad \frac{12}{13} - \frac{5}{13}$$

$$\textcircled{2} \quad \frac{4}{5} - \frac{3}{5}$$

$$\textcircled{3} \quad \frac{7}{8} - \frac{2}{8}$$

$$\textcircled{4} \quad \frac{15}{17} - \frac{9}{17}$$

$$\textcircled{5} \quad 1 - \frac{1}{3}$$

$$\textcircled{6} \quad 1 - \frac{5}{9}$$

$$\textcircled{7} \quad 1 - \frac{3}{14}$$

$$\textcircled{8} \quad 1 - \frac{3}{4}$$

$$\textcircled{9} \quad \frac{6}{7} - \frac{3}{7}$$

$$\textcircled{10} \quad \frac{13}{19} - \frac{9}{19}$$

$$\textcircled{11} \quad \frac{14}{15} - \frac{6}{15}$$

$$\textcircled{12} \quad \frac{18}{23} - \frac{13}{23}$$

$$\textcircled{13} \quad \frac{9}{11} - \frac{8}{11}$$

$$\textcircled{14} \quad \frac{17}{21} - \frac{15}{21}$$

$$\textcircled{15} \quad 1 - \frac{1}{2}$$

$$\textcircled{16} \quad 1 - \frac{9}{13}$$

$$\textcircled{17} \quad 1 - \frac{2}{5}$$

$$\textcircled{18} \quad 1 - \frac{11}{17}$$

$$\textcircled{19} \quad 1 - \frac{5}{24}$$

$$\textcircled{20} \quad 1 - \frac{13}{15}$$

・次の計算をしましょう。

<例>

$$\textcircled{1} \quad 4\frac{6}{7} - \frac{2}{7} = 4\frac{4}{7}$$

$$\begin{aligned} \textcircled{2} \quad 3 - \frac{1}{5} &= 2\frac{5}{5} - \frac{1}{5} && \leftarrow 3 = 2 + 1 \\ &= 2\frac{4}{5} && = 2 + \frac{5}{5} \\ & && = 2\frac{5}{5} \end{aligned}$$

<練習>

$$\textcircled{1} \quad 1\frac{8}{9} - \frac{4}{9}$$

$$\textcircled{2} \quad 6 - \frac{5}{6}$$

$$\textcircled{1} \quad 2\frac{4}{5} - \frac{1}{5}$$

$$\textcircled{2} \quad 5\frac{9}{11} - \frac{3}{11}$$

$$\textcircled{3} \quad 7\frac{15}{16} - \frac{14}{16}$$

$$\textcircled{4} \quad 10\frac{2}{3} - \frac{2}{3}$$

$$\textcircled{5} \quad 4 - \frac{3}{8}$$

$$\textcircled{6} \quad 8 - \frac{7}{10}$$

$$\textcircled{7} \quad 9 - \frac{1}{4}$$

$$\textcircled{8} \quad 10 - \frac{2}{7}$$

$$\textcircled{9} \quad 7\frac{12}{13} - \frac{4}{13}$$

$$\textcircled{10} \quad 2\frac{11}{15} - \frac{7}{15}$$

$$\textcircled{11} \quad 4\frac{8}{9} - \frac{8}{9}$$

$$\textcircled{12} \quad 8\frac{13}{18} - \frac{8}{18}$$

$$\textcircled{13} \quad 1\frac{21}{23} - \frac{6}{23}$$

$$\textcircled{14} \quad 3\frac{5}{7} - \frac{5}{7}$$

$$\textcircled{15} \quad 2 - \frac{1}{2}$$

$$\textcircled{16} \quad 5 - \frac{2}{3}$$

$$\textcircled{17} \quad 11 - \frac{5}{14}$$

$$\textcircled{18} \quad 7 - \frac{7}{17}$$

$$\textcircled{19} \quad 3 - \frac{7}{9}$$

$$\textcircled{20} \quad 8 - \frac{8}{11}$$

・次の計算をしましょう。

<例>

$$\textcircled{1} \quad 5\frac{2}{6} - 2\frac{1}{6} = 3\frac{1}{6}$$

整数部分... $5 - 2 = 3$
 分数部分... $\frac{2}{6} - \frac{1}{6} = \frac{1}{6}$

$$\textcircled{2} \quad 8 - 1\frac{2}{7} = 7\frac{7}{7} - 1\frac{2}{7}$$

$= 6\frac{5}{7}$

$8 = 7 + 1 = 7 + \frac{7}{7} = 7\frac{7}{7}$

《練習》

$$\textcircled{1} \quad 4\frac{10}{11} - 1\frac{2}{11}$$

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

$$\textcircled{1} \quad 6\frac{8}{9} - 2\frac{4}{9}$$

$$\textcircled{2} \quad 8\frac{11}{13} - 5\frac{4}{13}$$

$$\textcircled{3} \quad 3\frac{1}{2} - 1\frac{1}{2}$$

$$\textcircled{4} \quad 10\frac{6}{7} - 4\frac{2}{7}$$

$$\textcircled{5} \quad 5 - 2\frac{8}{11}$$

$$\textcircled{6} \quad 9 - 6\frac{3}{8}$$

$$\textcircled{7} \quad 4 - 1\frac{2}{3}$$

$$\textcircled{8} \quad 10 - 9\frac{4}{5}$$

$$\textcircled{9} \quad 7\frac{13}{14} - 2\frac{4}{14}$$

$$\textcircled{10} \quad 2\frac{5}{6} - 1\frac{5}{6}$$

$$\textcircled{11} \quad 12\frac{15}{17} - 3\frac{9}{17}$$

$$\textcircled{12} \quad 9\frac{10}{11} - 6\frac{2}{11}$$

$$\textcircled{13} \quad 10\frac{8}{9} - 4\frac{8}{9}$$

$$\textcircled{14} \quad 11\frac{13}{15} - 5\frac{6}{15}$$

$$\textcircled{15} \quad 6 - 2\frac{3}{4}$$

$$\textcircled{16} \quad 8 - 1\frac{4}{13}$$

$$\textcircled{17} \quad 3 - 2\frac{5}{7}$$

$$\textcircled{18} \quad 12 - 6\frac{4}{21}$$

$$\textcircled{19} \quad 7 - 5\frac{11}{19}$$

$$\textcircled{20} \quad 15 - 14\frac{1}{7}$$

・次の計算をしましょう。

<例>

$$2\frac{1}{9} - \frac{5}{9} = 1\frac{10}{9} - \frac{5}{9} \\ = 1\frac{5}{9}$$

分数部分のひき算ができないときは整数部分からくり下げる。

《練習》

$$4\frac{1}{5} - \frac{2}{5}$$

$$2\frac{1}{9} = 1 + 1\frac{1}{9} = 1 + \frac{10}{9} = 1\frac{10}{9}$$

① $5\frac{2}{7} - \frac{4}{7}$

② $3\frac{3}{8} - \frac{6}{8}$

③ $6\frac{5}{11} - \frac{9}{11}$

④ $1\frac{1}{3} - \frac{2}{3}$

⑤ $2\frac{6}{13} - \frac{12}{13}$

⑥ $8\frac{2}{5} - \frac{4}{5}$

⑦ $4\frac{8}{15} - \frac{12}{15}$

⑧ $7\frac{4}{14} - \frac{9}{14}$

⑨ $1\frac{3}{11} - \frac{9}{11}$

⑩ $3\frac{2}{6} - \frac{3}{6}$

⑪ $4\frac{4}{17} - \frac{15}{17}$

⑫ $8\frac{1}{12} - \frac{8}{12}$

⑬ $5\frac{2}{9} - \frac{4}{9}$

⑭ $10\frac{3}{7} - \frac{4}{7}$

⑮ $16\frac{5}{13} - \frac{10}{13}$

⑯ $2\frac{6}{19} - \frac{13}{19}$

⑰ $7\frac{2}{4} - \frac{3}{4}$

⑱ $1\frac{1}{8} - \frac{2}{8}$

⑲ $6\frac{6}{23} - \frac{13}{23}$

⑳ $4\frac{7}{10} - \frac{8}{10}$

・次の計算をしましょう。

〈例〉

$$4\frac{2}{11} - 1\frac{5}{11} = 3\frac{13}{11} - 1\frac{5}{11}$$

$$= 2\frac{8}{11}$$

$$4\frac{2}{11} = 3 + 1\frac{2}{11} = 3 + \frac{13}{11} = 3\frac{13}{11}$$

《練習》

$$7\frac{2}{5} - 3\frac{4}{5}$$

① $6\frac{1}{9} - 2\frac{5}{9}$

② $10\frac{3}{7} - 7\frac{6}{7}$

③ $8\frac{5}{14} - 5\frac{8}{14}$

④ $9\frac{9}{15} - 3\frac{11}{15}$

⑤ $5\frac{1}{3} - 4\frac{2}{3}$

⑥ $14\frac{2}{4} - 6\frac{3}{4}$

⑦ $11\frac{4}{8} - 9\frac{5}{8}$

⑧ $7\frac{6}{13} - 2\frac{12}{13}$

⑨ $2\frac{2}{17} - 1\frac{15}{17}$

⑩ $12\frac{1}{10} - 5\frac{8}{10}$

⑪ $7\frac{3}{5} - 4\frac{4}{5}$

⑫ $8\frac{1}{8} - 3\frac{4}{8}$

⑬ $13\frac{2}{6} - 9\frac{3}{6}$

⑭ $4\frac{2}{19} - 2\frac{5}{19}$

⑮ $10\frac{7}{11} - 1\frac{8}{11}$

⑯ $6\frac{6}{12} - 5\frac{7}{12}$

⑰ $5\frac{4}{29} - 2\frac{9}{29}$

⑱ $9\frac{5}{23} - 8\frac{10}{23}$

⑲ $14\frac{1}{7} - 10\frac{6}{7}$

⑳ $11\frac{2}{9} - 4\frac{7}{9}$

・次の計算をしましょう。

<例>

$$\textcircled{1} \quad \frac{3}{8} - \frac{1}{8} = \frac{2}{8} = \frac{1}{4}$$

計算の結果、
できるものは
約分する。

$$\textcircled{2} \quad 5\frac{5}{6} - \frac{1}{6} = 5\frac{4}{6} = 5\frac{2}{3}$$

$$\textcircled{3} \quad 3\frac{9}{10} - 1\frac{3}{10} = 2\frac{6}{10} = 2\frac{3}{5}$$

<練習>

$$\textcircled{1} \quad \frac{11}{12} - \frac{5}{12}$$

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

$$\textcircled{3} \quad 6\frac{14}{15} - 3\frac{4}{15}$$

$$\textcircled{1} \quad \frac{9}{10} - \frac{3}{10}$$

$$\textcircled{2} \quad \frac{15}{16} - \frac{5}{16}$$

$$\textcircled{3} \quad 6\frac{11}{14} - \frac{1}{14}$$

$$\textcircled{4} \quad 1\frac{17}{20} - \frac{9}{20}$$

$$\textcircled{5} \quad 7\frac{21}{25} - 4\frac{11}{25}$$

$$\textcircled{6} \quad 9\frac{17}{18} - 2\frac{5}{18}$$

$$\textcircled{7} \quad 5\frac{11}{12} - 5\frac{7}{12}$$

$$\textcircled{8} \quad 10\frac{26}{27} - 3\frac{2}{27}$$

$$\textcircled{9} \quad \frac{8}{9} - \frac{5}{9}$$

$$\textcircled{10} \quad \frac{19}{21} - \frac{13}{21}$$

$$\textcircled{11} \quad \frac{7}{18} - \frac{4}{18}$$

$$\textcircled{12} \quad 2\frac{23}{24} - \frac{13}{24}$$

$$\textcircled{13} \quad 5\frac{15}{16} - \frac{3}{16}$$

$$\textcircled{14} \quad 9\frac{7}{12} - \frac{1}{12}$$

$$\textcircled{15} \quad 7\frac{13}{15} - 3\frac{4}{15}$$

$$\textcircled{16} \quad 11\frac{19}{20} - 6\frac{9}{20}$$

$$\textcircled{17} \quad 8\frac{25}{28} - 1\frac{17}{28}$$

$$\textcircled{18} \quad 2\frac{7}{8} - 2\frac{1}{8}$$

$$\textcircled{19} \quad 16\frac{9}{10} - 7\frac{3}{10}$$

$$\textcircled{20} \quad 12\frac{11}{14} - 4\frac{3}{14}$$

・次の計算をしましょう。

<例>

$$\begin{aligned} \textcircled{1} \quad 2\frac{1}{12} - \frac{5}{12} &= 1\frac{13}{12} - \frac{5}{12} \leftarrow 2\frac{1}{12} = 1\frac{13}{12} \\ &= 1\frac{8}{12} = 1\frac{2}{3} \leftarrow \text{約分} \end{aligned}$$

$$\begin{aligned} \textcircled{2} \quad 7\frac{1}{4} - 3\frac{3}{4} &= 6\frac{5}{4} - 3\frac{3}{4} \leftarrow 7\frac{1}{4} = 6\frac{5}{4} \\ &= 3\frac{2}{4} = 3\frac{1}{2} \leftarrow \text{約分} \end{aligned}$$

《練習》

$$\textcircled{1} \quad 5\frac{3}{8} - \frac{5}{8}$$

$$\textcircled{2} \quad 6\frac{2}{9} - 2\frac{5}{9}$$

$$\textcircled{1} \quad 4\frac{1}{6} - \frac{5}{6}$$

$$\textcircled{2} \quad 9\frac{3}{14} - \frac{9}{14}$$

$$\textcircled{3} \quad 1\frac{1}{16} - \frac{3}{16}$$

$$\textcircled{4} \quad 5\frac{5}{18} - \frac{13}{18}$$

$$\textcircled{5} \quad 7\frac{8}{21} - 2\frac{11}{21}$$

$$\textcircled{6} \quad 3\frac{3}{8} - 1\frac{7}{8}$$

$$\textcircled{7} \quad 10\frac{5}{24} - 4\frac{19}{24}$$

$$\textcircled{8} \quad 8\frac{1}{9} - 5\frac{7}{9}$$

$$\textcircled{9} \quad 6\frac{9}{20} - \frac{13}{20}$$

$$\textcircled{10} \quad 10\frac{1}{12} - \frac{7}{12}$$

$$\textcircled{11} \quad 3\frac{4}{27} - \frac{10}{27}$$

$$\textcircled{12} \quad 7\frac{5}{36} - \frac{29}{36}$$

$$\textcircled{13} \quad 8\frac{1}{24} - \frac{19}{24}$$

$$\textcircled{14} \quad 1\frac{7}{16} - \frac{11}{16}$$

$$\textcircled{15} \quad 4\frac{1}{8} - 1\frac{5}{8}$$

$$\textcircled{16} \quad 13\frac{5}{14} - 9\frac{13}{14}$$

$$\textcircled{17} \quad 6\frac{7}{18} - 5\frac{11}{18}$$

$$\textcircled{18} \quad 7\frac{9}{25} - 4\frac{19}{25}$$

$$\textcircled{19} \quad 12\frac{4}{15} - 3\frac{13}{15}$$

$$\textcircled{20} \quad 9\frac{1}{32} - 2\frac{9}{32}$$

・次の計算をしましょう。

<例>

$$\frac{5}{6} - \frac{3}{4} = \frac{10}{12} - \frac{9}{12}$$

分母が異なるときは、通分してからひき算する。

$$= \frac{1}{12}$$

《練習》

$$\frac{2}{3} - \frac{4}{7}$$

① $\frac{4}{5} - \frac{7}{20}$

② $\frac{3}{4} - \frac{1}{16}$

③ $\frac{1}{5} - \frac{1}{6}$

④ $\frac{7}{9} - \frac{2}{5}$

⑤ $\frac{3}{4} - \frac{3}{10}$

⑥ $\frac{8}{15} - \frac{1}{6}$

⑦ $\frac{11}{12} - \frac{3}{8}$

⑧ $\frac{3}{4} - \frac{5}{14}$

⑨ $\frac{11}{14} - \frac{5}{7}$

⑩ $\frac{13}{18} - \frac{4}{9}$

⑪ $\frac{23}{24} - \frac{2}{3}$

⑫ $\frac{7}{12} - \frac{1}{6}$

⑬ $\frac{7}{8} - \frac{2}{7}$

⑭ $\frac{9}{11} - \frac{2}{3}$

⑮ $\frac{2}{7} - \frac{3}{11}$

⑯ $\frac{8}{9} - \frac{3}{4}$

⑰ $\frac{5}{6} - \frac{3}{8}$

⑱ $\frac{7}{9} - \frac{5}{12}$

⑲ $\frac{9}{14} - \frac{5}{21}$

⑳ $\frac{7}{8} - \frac{9}{14}$

・次の計算をしましょう。

<例>

$$\textcircled{1} \quad 1\frac{6}{11} - \frac{1}{2} = 1\frac{12}{22} - \frac{11}{22} \quad \leftarrow \text{通分}$$

$$= 1\frac{1}{22}$$

$$\textcircled{2} \quad 3\frac{3}{4} - 2\frac{1}{6} = 3\frac{9}{12} - 2\frac{2}{12} \quad \leftarrow \text{通分}$$

$$= 1\frac{7}{12}$$

<練習>

$$\textcircled{1} \quad 4\frac{5}{7} - \frac{2}{3}$$

$$\textcircled{2} \quad 7\frac{11}{12} - 1\frac{1}{2}$$

$$\textcircled{1} \quad 5\frac{7}{8} - \frac{1}{4}$$

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

$$\textcircled{3} \quad 8\frac{5}{6} - \frac{2}{9}$$

$$\textcircled{4} \quad 2\frac{11}{12} - \frac{7}{8}$$

$$\textcircled{5} \quad 6\frac{17}{20} - 1\frac{2}{5}$$

$$\textcircled{6} \quad 9\frac{3}{5} - 3\frac{1}{2}$$

$$\textcircled{7} \quad 11\frac{7}{8} - 7\frac{5}{6}$$

$$\textcircled{8} \quad 4\frac{13}{20} - 4\frac{1}{6}$$

$$\textcircled{9} \quad 1\frac{2}{3} - \frac{2}{9}$$

$$\textcircled{10} \quad 6\frac{11}{12} - \frac{5}{6}$$

$$\textcircled{11} \quad 7\frac{8}{11} - \frac{1}{2}$$

$$\textcircled{12} \quad 4\frac{5}{7} - \frac{1}{4}$$

$$\textcircled{13} \quad 12\frac{3}{4} - \frac{5}{14}$$

$$\textcircled{14} \quad 9\frac{7}{15} - \frac{2}{9}$$

$$\textcircled{15} \quad 5\frac{13}{18} - 3\frac{1}{9}$$

$$\textcircled{16} \quad 12\frac{33}{35} - 6\frac{4}{7}$$

$$\textcircled{17} \quad 8\frac{7}{13} - 8\frac{2}{5}$$

$$\textcircled{18} \quad 9\frac{7}{9} - 2\frac{5}{8}$$

$$\textcircled{19} \quad 4\frac{5}{16} - 1\frac{1}{12}$$

$$\textcircled{20} \quad 7\frac{11}{18} - 3\frac{3}{8}$$

・次の計算をしましょう。

<例>

$$\begin{aligned}
 3\frac{2}{5} - \frac{3}{4} &= 3\frac{\underline{8}}{20} - \frac{15}{20} && \leftarrow \text{通分} \\
 &= 2\frac{\underline{28}}{20} - \frac{15}{20} && \leftarrow 3\frac{8}{20} = 2\frac{28}{20} \\
 &= 2\frac{13}{20}
 \end{aligned}$$

<練習>

$$7\frac{4}{15} - \frac{5}{6}$$

① $4\frac{1}{2} - \frac{7}{12}$

② $1\frac{3}{20} - \frac{4}{5}$

③ $6\frac{2}{3} - \frac{6}{7}$

④ $9\frac{4}{9} - \frac{3}{4}$

⑤ $5\frac{2}{9} - \frac{5}{6}$

⑥ $2\frac{3}{8} - \frac{7}{12}$

⑦ $3\frac{3}{10} - \frac{13}{15}$

⑧ $8\frac{1}{6} - \frac{3}{4}$

⑨ $6\frac{3}{7} - \frac{9}{14}$

⑩ $10\frac{5}{24} - \frac{2}{3}$

⑪ $8\frac{8}{27} - \frac{4}{9}$

⑫ $2\frac{2}{5} - \frac{13}{30}$

⑬ $1\frac{3}{5} - \frac{5}{7}$

⑭ $4\frac{1}{4} - \frac{2}{3}$

⑮ $5\frac{4}{11} - \frac{1}{2}$

⑯ $9\frac{3}{5} - \frac{7}{9}$

⑰ $7\frac{1}{6} - \frac{11}{16}$

⑱ $6\frac{5}{12} - \frac{5}{9}$

⑲ $2\frac{3}{10} - \frac{5}{12}$

⑳ $1\frac{1}{8} - \frac{7}{10}$

・次の計算をしましょう。

<例>

$$\begin{aligned}
 5\frac{1}{8} - 1\frac{1}{6} &= 5\frac{3}{24} - 1\frac{4}{24} && \leftarrow \text{通分} \\
 &= 4\frac{27}{24} - 1\frac{4}{24} && \leftarrow 5\frac{3}{24} = 4\frac{27}{24} \\
 &= 3\frac{23}{24}
 \end{aligned}$$

<練習>

$$9\frac{3}{16} - 4\frac{3}{4}$$

① $7\frac{1}{2} - 2\frac{15}{16}$

② $10\frac{8}{15} - 3\frac{2}{3}$

③ $6\frac{3}{7} - 5\frac{3}{4}$

④ $4\frac{1}{2} - 1\frac{2}{3}$

⑤ $9\frac{3}{8} - 4\frac{5}{6}$

⑥ $8\frac{2}{9} - 7\frac{11}{12}$

⑦ $11\frac{3}{4} - 6\frac{9}{10}$

⑧ $14\frac{4}{9} - 8\frac{5}{6}$

⑨ $2\frac{3}{4} - 1\frac{7}{8}$

⑩ $9\frac{7}{30} - 3\frac{3}{5}$

⑪ $13\frac{3}{49} - 9\frac{3}{7}$

⑫ $8\frac{4}{27} - 2\frac{2}{9}$

⑬ $4\frac{1}{5} - 3\frac{5}{9}$

⑭ $11\frac{2}{3} - 7\frac{8}{11}$

⑮ $7\frac{1}{7} - 5\frac{1}{6}$

⑯ $5\frac{5}{9} - 2\frac{3}{4}$

⑰ $6\frac{1}{6} - 1\frac{3}{4}$

⑱ $10\frac{3}{8} - 9\frac{9}{10}$

⑲ $15\frac{4}{9} - 8\frac{14}{15}$

⑳ $8\frac{7}{10} - 4\frac{11}{12}$

・次の計算をしましょう。

<例>

$$\begin{aligned} \frac{17}{24} - \frac{3}{8} &= \frac{17}{24} - \frac{9}{24} && \leftarrow \text{通分} \\ &= \frac{8}{24} \\ &= \frac{1}{3} && \leftarrow \text{約分} \end{aligned}$$

《練習》

$$\frac{5}{6} - \frac{7}{10}$$

① $\frac{1}{2} - \frac{5}{14}$

② $\frac{4}{5} - \frac{11}{20}$

③ $\frac{5}{6} - \frac{8}{15}$

④ $\frac{9}{14} - \frac{3}{10}$

⑤ $\frac{5}{8} - \frac{3}{40}$

⑥ $\frac{11}{18} - \frac{4}{9}$

⑦ $\frac{14}{15} - \frac{1}{3}$

⑧ $\frac{7}{10} - \frac{1}{6}$

⑨ $\frac{2}{3} - \frac{4}{15}$

⑩ $\frac{11}{48} - \frac{1}{6}$

⑪ $\frac{6}{7} - \frac{5}{14}$

⑫ $\frac{11}{12} - \frac{1}{4}$

⑬ $\frac{4}{15} - \frac{1}{10}$

⑭ $\frac{23}{30} - \frac{3}{5}$

⑮ $\frac{5}{8} - \frac{3}{56}$

⑯ $\frac{13}{15} - \frac{1}{6}$

⑰ $\frac{17}{18} - \frac{1}{2}$

⑱ $\frac{19}{36} - \frac{4}{9}$

⑲ $\frac{3}{4} - \frac{7}{20}$

⑳ $\frac{2}{5} - \frac{9}{35}$

・次の計算をしましょう。

<例>

$$\begin{aligned} \textcircled{1} \quad 2\frac{11}{18} - \frac{1}{9} &= 2\frac{11}{18} - \frac{2}{18} && \leftarrow \text{通分} \\ &= 2\frac{2}{18} = 2\frac{1}{9} && \leftarrow \text{約分} \end{aligned}$$

$$\begin{aligned} \textcircled{2} \quad 4\frac{5}{6} - 1\frac{1}{12} &= 4\frac{10}{12} - 1\frac{1}{12} && \leftarrow \text{通分} \\ &= 3\frac{9}{12} = 3\frac{3}{4} && \leftarrow \text{約分} \end{aligned}$$

《練習》

$$\textcircled{1} \quad 5\frac{5}{6} - \frac{3}{10}$$

$$\textcircled{2} \quad 7\frac{9}{14} - 3\frac{1}{2}$$

$$\textcircled{1} \quad 6\frac{9}{10} - \frac{1}{2}$$

$$\textcircled{2} \quad 1\frac{7}{12} - \frac{13}{30}$$

$$\textcircled{3} \quad 3\frac{11}{15} - \frac{1}{3}$$

$$\textcircled{4} \quad 8\frac{29}{35} - \frac{3}{7}$$

$$\textcircled{5} \quad 9\frac{9}{10} - 2\frac{5}{6}$$

$$\textcircled{6} \quad 7\frac{3}{4} - 5\frac{9}{20}$$

$$\textcircled{7} \quad 4\frac{33}{56} - 4\frac{3}{8}$$

$$\textcircled{8} \quad 6\frac{8}{9} - 3\frac{5}{36}$$

$$\textcircled{9} \quad 2\frac{14}{15} - \frac{3}{5}$$

$$\textcircled{10} \quad 4\frac{5}{6} - \frac{7}{42}$$

$$\textcircled{11} \quad 7\frac{9}{10} - \frac{1}{15}$$

$$\textcircled{12} \quad 5\frac{2}{3} - \frac{2}{21}$$

$$\textcircled{13} \quad 3\frac{2}{9} - \frac{7}{72}$$

$$\textcircled{14} \quad 10\frac{9}{14} - \frac{3}{10}$$

$$\textcircled{15} \quad 8\frac{3}{4} - 6\frac{1}{12}$$

$$\textcircled{16} \quad 9\frac{1}{2} - 1\frac{5}{18}$$

$$\textcircled{17} \quad 5\frac{2}{5} - 5\frac{7}{30}$$

$$\textcircled{18} \quad 12\frac{19}{24} - 4\frac{3}{8}$$

$$\textcircled{19} \quad 15\frac{5}{6} - 7\frac{19}{48}$$

$$\textcircled{20} \quad 3\frac{3}{7} - 3\frac{13}{63}$$

・次の計算をしましょう。

<例>

$$\begin{aligned} \textcircled{1} \quad 1\frac{5}{24} - \frac{7}{8} &= 1\frac{5}{24} - \frac{21}{24} && \leftarrow \text{通分} \\ &= \frac{29}{24} - \frac{21}{24} && \leftarrow 1\frac{5}{24} = \frac{29}{24} \\ &= \frac{8}{24} = \frac{1}{3} && \leftarrow \text{約分} \end{aligned}$$

$$\begin{aligned} \textcircled{2} \quad 5\frac{1}{6} - 2\frac{3}{10} &= 5\frac{5}{30} - 2\frac{9}{30} && \leftarrow \text{通分} \\ &= 4\frac{35}{30} - 2\frac{9}{30} && \leftarrow 5\frac{5}{30} = 4\frac{35}{30} \\ &= 2\frac{26}{30} = 2\frac{13}{15} && \leftarrow \text{約分} \end{aligned}$$

<練習>

$$\textcircled{1} \quad 4\frac{1}{3} - \frac{8}{15}$$

$$\textcircled{2} \quad 7\frac{1}{4} - 6\frac{13}{20}$$

$$\textcircled{1} \quad 3\frac{7}{24} - \frac{2}{3}$$

$$\textcircled{2} \quad 10\frac{3}{10} - \frac{1}{2}$$

$$\textcircled{3} \quad 7\frac{1}{4} - \frac{11}{20}$$

$$\textcircled{4} \quad 1\frac{2}{15} - \frac{5}{6}$$

$$\textcircled{5} \quad 2\frac{11}{45} - 1\frac{4}{5}$$

$$\textcircled{6} \quad 8\frac{4}{21} - 4\frac{6}{7}$$

$$\textcircled{7} \quad 11\frac{7}{10} - 5\frac{11}{14}$$

$$\textcircled{8} \quad 6\frac{1}{6} - 2\frac{7}{18}$$

$$\textcircled{9} \quad 4\frac{5}{6} - \frac{9}{10}$$

$$\textcircled{10} \quad 5\frac{5}{24} - \frac{7}{8}$$

$$\textcircled{11} \quad 9\frac{23}{72} - \frac{5}{8}$$

$$\textcircled{12} \quad 10\frac{1}{2} - \frac{13}{18}$$

$$\textcircled{13} \quad 2\frac{2}{5} - \frac{13}{20}$$

$$\textcircled{14} \quad 6\frac{5}{36} - \frac{8}{9}$$

$$\textcircled{15} \quad 7\frac{1}{3} - 3\frac{8}{15}$$

$$\textcircled{16} \quad 8\frac{11}{30} - 2\frac{11}{12}$$

$$\textcircled{17} \quad 5\frac{7}{12} - 4\frac{3}{4}$$

$$\textcircled{18} \quad 12\frac{4}{35} - 6\frac{5}{7}$$

$$\textcircled{19} \quad 10\frac{8}{15} - 7\frac{7}{10}$$

$$\textcircled{20} \quad 9\frac{17}{42} - 8\frac{5}{6}$$