

□□1

□にあてはまる数を書きましょう。

① $\frac{3}{5} = \frac{\boxed{9}}{15}$

② $\frac{2}{\boxed{3}} = \frac{10}{15}$

③ $\frac{5}{6} = \frac{\boxed{20}}{24}$

④ $\frac{6}{\boxed{6}} = 1$

⑤ $\frac{\boxed{15}}{21} = \frac{5}{7}$

⑥ $\frac{27}{36} = \frac{3}{\boxed{4}}$

□□2

約分しましょう。

① $\frac{6}{8} = \frac{3}{4}$

② $\frac{12}{15} = \frac{4}{5}$

③ $\frac{9}{24} = \frac{3}{8}$

④ $\frac{4}{6} = \frac{2}{3}$

⑤ $\frac{7}{21} = \frac{1}{3}$

⑥ $\frac{12}{30} = \frac{2}{5}$

□□3

通分しましょう。

① $\frac{1}{3}, \frac{2}{7}$

② $\frac{7}{10}, \frac{11}{15}$

① $\frac{7}{21}, \frac{6}{21}$
答え

② $\frac{21}{30}, \frac{22}{30}$
答え

③ $\frac{1}{4}, \frac{1}{3}$

④ $\frac{3}{8}, \frac{5}{6}$

③ $\frac{3}{12}, \frac{4}{12}$
答え

④ $\frac{9}{24}, \frac{20}{24}$
答え



□□1

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① $\frac{\boxed{8}}{16} = \frac{2}{4}$

② $\frac{3}{\boxed{12}} = \frac{1}{4}$

③ $\frac{6}{9} = \frac{2}{\boxed{3}}$

④ $\frac{1}{3} = \frac{\boxed{2}}{6}$

⑤ $\frac{3}{4} = \frac{\boxed{6}}{8}$

⑥ $\frac{7}{\boxed{9}} = \frac{21}{27}$

□□2

約分しましょう。

① $\frac{3}{9} = \frac{1}{3}$

② $\frac{10}{12} = \frac{5}{6}$

③ $\frac{4}{28} = \frac{1}{7}$

④ $\frac{30}{48} = \frac{5}{8}$

⑤ $\frac{5}{45} = \frac{1}{9}$

⑥ $\frac{13}{39} = \frac{1}{3}$

□□3

通分しましょう。

① $\frac{3}{5}, \frac{2}{3}$

② $\frac{5}{6}, \frac{7}{9}$

答え $\frac{9}{15}, \frac{10}{15}$

答え $\frac{15}{18}, \frac{14}{15}$

③ $\frac{3}{4}, \frac{5}{7}$

④ $1\frac{5}{6}, 2\frac{3}{8}$

答え $\frac{21}{28}, \frac{20}{28}$

答え $\frac{44}{24}, \frac{57}{24}$



□□1

□にあてはまる数を書きましょう。

① $\frac{2}{5} = \frac{\boxed{4}}{10}$

② $\frac{4}{\boxed{2}} = \frac{28}{14}$

③ $\frac{3}{6} = \frac{\boxed{12}}{24}$

④ $\frac{3}{6} = \frac{\boxed{1}}{2}$

⑤ $\frac{12}{\boxed{21}} = \frac{4}{7}$

⑥ $\frac{70}{84} = \frac{5}{\boxed{6}}$

□□2

約分しましょう。

① $\frac{3}{6} = \frac{1}{2}$

② $\frac{21}{49} = \frac{3}{7}$

③ $\frac{8}{56} = \frac{1}{7}$

④ $\frac{4}{12} = \frac{1}{3}$

⑤ $\frac{27}{36} = \frac{3}{4}$

⑥ $\frac{21}{14} = \frac{3}{2}$

□□3

通分しましょう。

① $\frac{1}{6}, \frac{2}{4}$

② $\frac{5}{13}, \frac{9}{26}$

答え $\frac{2}{12}, \frac{6}{12}$

答え $\frac{10}{26}, \frac{9}{26}$

② $\frac{3}{5}, \frac{1}{2}$

④ $\frac{5}{6}, \frac{5}{9}$

答え $\frac{6}{10}, \frac{5}{10}$

答え $\frac{15}{18}, \frac{10}{18}$





次の計算をしましょう。

① $\frac{1}{2} + \frac{1}{3}$

$$\frac{3}{6} + \frac{2}{6} = \frac{5}{6}$$

② $\frac{1}{3} + \frac{7}{12}$

$$\frac{4}{12} + \frac{7}{12} = \frac{11}{12}$$

③ $\frac{1}{3} - \frac{1}{5}$

$$\frac{5}{15} - \frac{3}{15} = \frac{2}{15}$$

④ $\frac{4}{5} - \frac{9}{20}$

$$\frac{16}{20} - \frac{9}{20} = \frac{7}{20}$$

⑤ $\frac{2}{3} + \frac{3}{5}$

$$\frac{10}{15} + \frac{9}{15} = \frac{19}{15}$$

⑥ $\frac{7}{9} - \frac{1}{6}$

$$\frac{14}{18} - \frac{3}{18} = \frac{11}{18}$$

⑦ $\frac{7}{12} + \frac{17}{18}$

$$\frac{21}{36} + \frac{34}{36} = \frac{55}{36}$$

$$\left(= 1\frac{19}{36} \right)$$

⑧ $\frac{3}{2} + \frac{3}{7}$

$$\frac{21}{14} + \frac{6}{14} = \frac{27}{14}$$

$$\left(= 1\frac{4}{15} \right)$$

$$\left(= 1\frac{13}{14} \right)$$

⑨ $\frac{5}{7} + \frac{1}{6}$

$$\frac{30}{42} + \frac{7}{42} = \frac{37}{42}$$



次の分数を小さい順に並べかえましょう。

① $\frac{5}{8} \quad \frac{7}{12} \quad \frac{10}{24}$

$$\frac{15}{24} \quad \frac{14}{24} \quad \frac{10}{24}$$

答え $\frac{10}{24} \quad \frac{7}{12} \quad \frac{5}{8}$

② $\frac{2}{3} \quad \frac{3}{5} \quad \frac{8}{15}$

$$\frac{10}{15} \quad \frac{9}{15} \quad \frac{8}{15}$$

答え $\frac{8}{15} \quad \frac{3}{5} \quad \frac{2}{3}$





次の計算をしましょう。

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

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

$$\textcircled{3} \quad \frac{3}{8} + \frac{5}{12} \\ \frac{9}{24} + \frac{10}{24} = \frac{19}{24}$$

$$\textcircled{4} \quad \frac{2}{9} + \frac{1}{6} \\ \frac{4}{18} + \frac{3}{18} = \frac{7}{18}$$

$$\textcircled{5} \quad \frac{3}{10} + \frac{7}{12} \\ \frac{18}{60} + \frac{35}{60} = \frac{53}{60}$$

$$\textcircled{6} \quad \frac{8}{15} - \frac{3}{10} \\ \frac{16}{30} - \frac{9}{30} = \frac{7}{30}$$

$$\textcircled{7} \quad \frac{9}{10} - \frac{3}{4} \\ \frac{18}{20} - \frac{15}{20} = \frac{3}{20}$$

$$\textcircled{8} \quad \frac{7}{10} + \frac{13}{15} \\ \frac{21}{30} + \frac{26}{30} = \frac{47}{30}$$

$$\textcircled{9} \quad \frac{5}{6} + \frac{1}{9} \\ \frac{15}{18} + \frac{2}{18} = \frac{17}{18}$$

$$\left(= 1\frac{17}{30} \right)$$



次の分数を小さい順に並べかえましょう。

$$\textcircled{1} \quad \begin{array}{ccc} \frac{2}{3} & \frac{7}{10} & \frac{8}{15} \\ \frac{20}{30} & \frac{21}{30} & \frac{16}{30} \end{array}$$

答え $\frac{8}{15} \quad \frac{2}{3} \quad \frac{7}{10}$

$$\textcircled{2} \quad \begin{array}{ccc} \frac{1}{2} & \frac{2}{3} & \frac{7}{16} \\ \frac{24}{48} & \frac{32}{48} & \frac{21}{48} \end{array}$$

答え $\frac{7}{16} \quad \frac{1}{2} \quad \frac{2}{3}$





次の計算をしましょう。

$$\textcircled{1} \quad \frac{2}{5} + \frac{1}{3} \\ \frac{6}{15} + \frac{5}{15} = \frac{11}{15}$$

$$\textcircled{2} \quad \frac{1}{2} - \frac{3}{7} \\ \frac{7}{14} - \frac{6}{14} = \frac{1}{14}$$

$$\textcircled{3} \quad \frac{7}{8} - \frac{5}{6} \\ \frac{21}{24} - \frac{20}{24} = \frac{1}{24}$$

$$\textcircled{4} \quad \frac{10}{9} - \frac{5}{12} \\ \frac{40}{36} - \frac{15}{36} = \frac{25}{36}$$

$$\textcircled{5} \quad \frac{3}{4} + \frac{1}{12} \\ \frac{9}{12} + \frac{1}{12} = \frac{10}{12}$$

$$\textcircled{6} \quad \frac{5}{4} - \frac{2}{12} \\ \frac{15}{12} - \frac{2}{12} = \frac{13}{12} \\ \left(= 1\frac{1}{12} \right)$$

$$\textcircled{7} \quad \frac{17}{3} - \frac{7}{4} \\ \frac{68}{12} - \frac{21}{12} = \frac{47}{12} \\ \left(= 3\frac{11}{12} \right)$$

$$\textcircled{8} \quad \frac{7}{10} + \frac{1}{14} \\ \frac{49}{70} + \frac{5}{70} = \frac{54}{70}$$

$$\textcircled{9} \quad \frac{5}{18} + \frac{1}{2} \\ \frac{5}{18} + \frac{9}{18} = \frac{14}{18}$$



次の分数を小さい順に並べかえましょう。

$$\textcircled{1} \quad \begin{array}{ccc} 2\frac{3}{7} & \frac{32}{18} & \frac{28}{5} \\ 2\frac{3}{7} & 1\frac{14}{18} & 5\frac{3}{5} \end{array}$$

$$\text{答え} \quad \frac{32}{18} \quad 2\frac{3}{7} \quad \frac{7}{10}$$

$$\textcircled{2} \quad \begin{array}{ccc} \frac{1}{3} & \frac{3}{8} & \frac{17}{48} \\ \frac{16}{48} & \frac{18}{48} & \frac{17}{48} \end{array}$$

$$\text{答え} \quad \frac{1}{3} \quad \frac{17}{48} \quad \frac{3}{8}$$





次の計算をしましょう。

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

$$= 2\frac{8}{12} + 1\frac{3}{12}$$

$$= 3\frac{11}{12}$$

$$\textcircled{2} \quad 3\frac{3}{4} - 1\frac{3}{10}$$

$$= 3\frac{15}{20} - \frac{6}{20}$$

$$= 3\frac{9}{20}$$

$$\textcircled{3} \quad 3\frac{5}{6} + 4\frac{11}{20}$$

$$= 3\frac{50}{60} + 4\frac{33}{60}$$

$$= 7\frac{83}{60}$$

$$= 8\frac{23}{60}$$

$$\textcircled{4} \quad \frac{7}{9} - \frac{2}{3} + \frac{5}{6}$$

$$= \frac{14}{18} - \frac{12}{18} + \frac{15}{18}$$

$$= \frac{17}{18}$$

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

$$= \frac{70}{35} - \frac{7}{35} - \frac{10}{35}$$

$$= \frac{53}{35}$$

$$= 1\frac{18}{35}$$





次の計算をしましょう。

$$\begin{aligned}\textcircled{1} \quad 3\frac{1}{2} + 1\frac{5}{7} \\&= 3\frac{7}{14} + 1\frac{10}{14} \\&= 4\frac{17}{14} \\&= 5\frac{3}{14}\end{aligned}$$

$$\begin{aligned}\textcircled{2} \quad 2\frac{3}{10} - \frac{3}{5} \\&= 1\frac{13}{10} - \frac{6}{10} \\&= 1\frac{7}{10}\end{aligned}$$

$$\begin{aligned}\textcircled{3} \quad 4\frac{1}{2} - 1\frac{7}{12} \\&= 4\frac{6}{12} - 1\frac{7}{12} \\&= 3\frac{18}{12} - 1\frac{7}{12} \\&= 2\frac{11}{12}\end{aligned}$$

$$\begin{aligned}\textcircled{4} \quad \frac{3}{4} + \frac{1}{6} + \frac{7}{12} \\&= \frac{9}{12} + \frac{2}{12} + \frac{7}{12} \\&= \frac{18}{12} \\&= 1\frac{6}{12}\end{aligned}$$

$$\begin{aligned}\textcircled{5} \quad \frac{11}{20} + \frac{4}{5} - \frac{3}{4} \\&= \frac{11}{20} + \frac{16}{20} - \frac{15}{20} \\&= \frac{12}{20}\end{aligned}$$





次の計算をしましょう。

$$\begin{aligned}\textcircled{1} \quad & 1\frac{2}{3} + 1\frac{5}{9} \\ &= 1\frac{6}{9} + 1\frac{5}{9} \\ &= 2\frac{11}{9} \\ &= 3\frac{2}{9}\end{aligned}$$

$$\begin{aligned}\textcircled{2} \quad & 4\frac{1}{8} - 2\frac{1}{5} \\ &= 4\frac{5}{40} - 2\frac{8}{40} \\ &= 3\frac{45}{40} - 2\frac{8}{40} \\ &= 1\frac{37}{40}\end{aligned}$$

$$\begin{aligned}\textcircled{3} \quad & 5\frac{2}{3} - 2\frac{3}{4} \\ &= 5\frac{8}{12} - 2\frac{9}{12} \\ &= 4\frac{20}{12} - 2\frac{9}{12} \\ &= 2\frac{11}{12}\end{aligned}$$

$$\begin{aligned}\textcircled{4} \quad & \frac{9}{21} - \frac{3}{14} - \frac{1}{7} \\ &= \frac{18}{42} - \frac{9}{42} - \frac{6}{42} \\ &= \frac{3}{42}\end{aligned}$$

$$\begin{aligned}\textcircled{5} \quad & \frac{2}{5} + \frac{3}{4} + \frac{1}{15} \\ &= \frac{24}{60} + \frac{45}{60} + \frac{4}{60} \\ &= \frac{73}{60} \\ &= 1\frac{13}{60}\end{aligned}$$

