

分数の足し算^{たいぶんすう} (帯分数なし)

月 日

名前

計算しましょう。

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

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

$$\textcircled{3} \quad \frac{3}{4} + \frac{1}{8} = \frac{6}{8} + \frac{1}{8} = \frac{7}{8}$$

$$\textcircled{4} \quad \frac{2}{5} + \frac{3}{10} = \frac{4}{10} + \frac{3}{10} = \frac{7}{10}$$

$$\begin{aligned} \textcircled{5} \quad \frac{5}{6} + \frac{7}{12} &= \frac{10}{12} + \frac{7}{12} \\ &= \frac{17}{12} \left(1\frac{5}{12}\right) \end{aligned}$$

$$\begin{aligned} \textcircled{6} \quad \frac{5}{4} + \frac{1}{12} &= \frac{15}{12} + \frac{1}{12} = \frac{16}{12} \\ &= \frac{4}{3} \left(1\frac{1}{3}\right) \end{aligned}$$

$$\begin{aligned} \textcircled{7} \quad \frac{2}{3} + \frac{3}{8} &= \frac{16}{24} + \frac{9}{24} \\ &= \frac{25}{24} \left(1\frac{1}{24}\right) \end{aligned}$$

$$\begin{aligned} \textcircled{8} \quad \frac{2}{3} + \frac{2}{5} &= \frac{10}{15} + \frac{6}{15} \\ &= \frac{16}{15} \left(1\frac{1}{15}\right) \end{aligned}$$

$$\textcircled{9} \quad \frac{3}{7} + \frac{1}{4} = \frac{12}{28} + \frac{7}{28} = \frac{19}{28}$$

$$\begin{aligned} \textcircled{10} \quad \frac{3}{5} + \frac{4}{9} &= \frac{27}{45} + \frac{20}{45} \\ &= \frac{47}{45} \left(1\frac{2}{45}\right) \end{aligned}$$

$$\begin{aligned} \textcircled{11} \quad \frac{5}{4} + \frac{5}{8} &= \frac{10}{8} + \frac{5}{8} \\ &= \frac{15}{8} \left(1\frac{7}{8}\right) \end{aligned}$$

$$\begin{aligned} \textcircled{12} \quad \frac{4}{5} + \frac{6}{7} &= \frac{28}{35} + \frac{30}{35} \\ &= \frac{58}{35} \left(1\frac{23}{35}\right) \end{aligned}$$

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$$\textcircled{1} \quad \frac{1}{4} + \frac{1}{6} = \frac{3}{12} + \frac{2}{12} = \frac{5}{12}$$

$$\textcircled{2} \quad \frac{2}{3} + \frac{1}{8} = \frac{16}{24} + \frac{3}{24} = \frac{19}{24}$$

$$\textcircled{3} \quad \frac{3}{5} + \frac{1}{4} = \frac{12}{20} + \frac{5}{20} = \frac{17}{20}$$

$$\textcircled{4} \quad \frac{2}{7} + \frac{3}{5} = \frac{10}{35} + \frac{21}{35} = \frac{31}{35}$$

$$\textcircled{5} \quad \frac{2}{9} + \frac{3}{8} = \frac{16}{72} + \frac{27}{72} = \frac{43}{72}$$

$$\begin{aligned} \textcircled{6} \quad \frac{5}{6} + \frac{1}{10} &= \frac{25}{30} + \frac{3}{30} = \frac{28}{30} \\ &= \frac{14}{15} \end{aligned}$$

$$\begin{aligned} \textcircled{7} \quad \frac{4}{7} + \frac{2}{3} &= \frac{12}{21} + \frac{14}{21} \\ &= \frac{26}{21} \left(1\frac{5}{21} \right) \end{aligned}$$

$$\begin{aligned} \textcircled{8} \quad \frac{3}{15} + \frac{2}{10} &= \frac{6}{30} + \frac{6}{30} = \frac{12}{30} \\ &= \frac{2}{5} \end{aligned}$$

$$\textcircled{9} \quad \frac{7}{12} + \frac{1}{10} = \frac{35}{60} + \frac{6}{60} = \frac{41}{60}$$

$$\textcircled{10} \quad \frac{1}{12} + \frac{5}{8} = \frac{2}{24} + \frac{15}{24} = \frac{17}{24}$$

$$\begin{aligned} \textcircled{11} \quad \frac{13}{15} + \frac{9}{10} &= \frac{26}{30} + \frac{27}{30} \\ &= \frac{53}{30} \left(1\frac{23}{30} \right) \end{aligned}$$

$$\begin{aligned} \textcircled{12} \quad \frac{11}{14} + \frac{4}{7} &= \frac{22}{28} + \frac{16}{28} = \frac{38}{28} \\ &= \frac{19}{14} \left(1\frac{5}{14} \right) \end{aligned}$$

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$$\textcircled{1} \quad \frac{3}{7} + \frac{2}{9} = \frac{27}{63} + \frac{14}{63} = \frac{41}{63}$$

$$\textcircled{2} \quad \frac{4}{9} + \frac{1}{6} = \frac{8}{18} + \frac{3}{18} = \frac{11}{18}$$

$$\textcircled{3} \quad \frac{5}{8} + \frac{1}{12} = \frac{15}{24} + \frac{2}{24} = \frac{17}{24}$$

$$\textcircled{4} \quad \frac{2}{3} + \frac{2}{7} = \frac{14}{21} + \frac{6}{21} = \frac{20}{21}$$

$$\textcircled{5} \quad \frac{3}{14} + \frac{5}{7} = \frac{3}{14} + \frac{10}{14} = \frac{13}{14}$$

$$\textcircled{6} \quad \frac{2}{9} + \frac{6}{15} = \frac{10}{45} + \frac{18}{45} = \frac{28}{45}$$

$$\begin{aligned} \textcircled{7} \quad \frac{5}{12} + \frac{5}{6} &= \frac{5}{12} + \frac{10}{12} = \frac{15}{12} \\ &= \frac{5}{4} \left(1\frac{1}{4}\right) \end{aligned}$$

$$\begin{aligned} \textcircled{8} \quad \frac{3}{10} + \frac{4}{9} &= \frac{27}{90} + \frac{40}{90} \\ &= \frac{67}{90} \end{aligned}$$

$$\begin{aligned} \textcircled{9} \quad \frac{5}{12} + \frac{7}{10} &= \frac{25}{60} + \frac{42}{60} \\ &= \frac{67}{60} \left(1\frac{7}{60}\right) \end{aligned}$$

$$\begin{aligned} \textcircled{10} \quad \frac{7}{8} + \frac{4}{10} &= \frac{35}{40} + \frac{16}{40} \\ &= \frac{51}{40} \left(1\frac{11}{40}\right) \end{aligned}$$

$$\begin{aligned} \textcircled{11} \quad \frac{1}{15} + \frac{7}{12} &= \frac{4}{60} + \frac{35}{60} = \frac{39}{60} \\ &= \frac{13}{20} \end{aligned}$$

$$\begin{aligned} \textcircled{12} \quad \frac{7}{10} + \frac{3}{5} &= \frac{7}{10} + \frac{6}{10} \\ &= \frac{13}{10} \left(1\frac{3}{10}\right) \end{aligned}$$

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

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

$$\begin{aligned}\textcircled{3} \quad \frac{1}{5} + \frac{1}{2} + \frac{1}{4} &= \frac{4}{20} + \frac{10}{20} + \frac{5}{20} \\ &= \frac{19}{20}\end{aligned}$$

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

$$\begin{aligned}\textcircled{5} \quad \frac{3}{8} + \frac{1}{3} + \frac{1}{2} &= \frac{9}{24} + \frac{8}{24} + \frac{12}{24} \\ &= \frac{29}{24} \left(1\frac{5}{24}\right)\end{aligned}$$

$$\begin{aligned}\textcircled{6} \quad \frac{2}{3} + \frac{1}{6} + \frac{4}{9} &= \frac{12}{18} + \frac{3}{18} + \frac{8}{18} \\ &= \frac{23}{18} \left(1\frac{5}{18}\right)\end{aligned}$$

$$\begin{aligned}\textcircled{7} \quad \frac{3}{4} + \frac{5}{6} + \frac{1}{2} &= \frac{9}{12} + \frac{10}{12} + \frac{6}{12} \\ &= \frac{25}{12} \left(2\frac{1}{12}\right)\end{aligned}$$

$$\begin{aligned}\textcircled{8} \quad \frac{1}{6} + \frac{5}{8} + \frac{3}{4} &= \frac{4}{24} + \frac{15}{24} + \frac{18}{24} \\ &= \frac{37}{24} \left(1\frac{13}{24}\right)\end{aligned}$$

$$\begin{aligned}\textcircled{9} \quad \frac{5}{9} + \frac{2}{3} + \frac{1}{2} &= \frac{10}{18} + \frac{12}{18} + \frac{9}{18} \\ &= \frac{31}{18} \left(1\frac{13}{18}\right)\end{aligned}$$

$$\begin{aligned}\textcircled{10} \quad \frac{3}{8} + \frac{1}{3} + \frac{5}{6} &= \frac{9}{24} + \frac{8}{24} + \frac{20}{24} \\ &= \frac{37}{24} \left(1\frac{13}{24}\right)\end{aligned}$$

$$\begin{aligned}\textcircled{11} \quad \frac{2}{5} + \frac{1}{6} + \frac{1}{2} &= \frac{12}{30} + \frac{5}{30} + \frac{15}{30} \\ &= \frac{32}{30} = \frac{16}{15} \left(1\frac{1}{15}\right)\end{aligned}$$

$$\begin{aligned}\textcircled{12} \quad \frac{1}{10} + \frac{5}{8} + \frac{3}{4} &= \frac{4}{40} + \frac{25}{40} + \frac{30}{40} \\ &= \frac{59}{40} \left(1\frac{19}{40}\right)\end{aligned}$$

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$$\textcircled{1} \quad \frac{3}{4} + \frac{2}{3} + \frac{1}{6} = \frac{9}{12} + \frac{8}{12} + \frac{2}{12} \\ = \frac{19}{12} \left(1\frac{7}{12}\right)$$

$$\textcircled{2} \quad \frac{1}{3} + \frac{1}{4} + \frac{1}{12} = \frac{4}{12} + \frac{3}{12} + \frac{1}{12} \\ = \frac{8}{12} = \frac{2}{3}$$

$$\textcircled{3} \quad \frac{3}{8} + \frac{5}{6} + \frac{2}{3} = \frac{9}{24} + \frac{20}{24} + \frac{16}{24} \\ = \frac{45}{24} = \frac{15}{8} \left(1\frac{7}{8}\right)$$

$$\textcircled{4} \quad \frac{1}{10} + \frac{3}{5} + \frac{3}{4} = \frac{2}{20} + \frac{12}{20} + \frac{15}{20} \\ = \frac{29}{20} \left(1\frac{9}{20}\right)$$

$$\textcircled{5} \quad \frac{7}{8} + \frac{3}{5} + \frac{3}{10} = \frac{35}{40} + \frac{24}{40} + \frac{12}{40} \\ = \frac{71}{40} \left(1\frac{31}{40}\right)$$

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

$$\textcircled{7} \quad \frac{5}{14} + \frac{2}{7} + \frac{3}{8} = \frac{20}{56} + \frac{16}{56} + \frac{21}{56} \\ = \frac{57}{56} \left(1\frac{1}{56}\right)$$

$$\textcircled{8} \quad \frac{3}{5} + \frac{7}{9} + \frac{2}{15} = \frac{27}{45} + \frac{35}{45} + \frac{6}{45} \\ = \frac{68}{45} \left(1\frac{23}{45}\right)$$

$$\textcircled{9} \quad \frac{1}{12} + \frac{3}{10} + \frac{1}{2} = \frac{5}{60} + \frac{18}{60} + \frac{30}{60} \\ = \frac{53}{60}$$

$$\textcircled{10} \quad \frac{5}{8} + \frac{2}{9} + \frac{1}{18} = \frac{45}{72} + \frac{16}{72} + \frac{4}{72} \\ = \frac{65}{72}$$

$$\textcircled{11} \quad \frac{1}{10} + \frac{2}{6} + \frac{5}{12} = \frac{6}{60} + \frac{20}{60} + \frac{25}{60} \\ = \frac{51}{60} = \frac{17}{20}$$

$$\textcircled{12} \quad \frac{2}{3} + \frac{4}{9} + \frac{9}{12} = \frac{24}{36} + \frac{16}{36} + \frac{27}{36} \\ = \frac{67}{36} \left(1\frac{31}{36}\right)$$