

分数の引き算^{たいぶんすう}(帯分数あり)

月 日

名前

計算しましょう。

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

$$\textcircled{2} \quad 1\frac{1}{6} - \frac{1}{3} = \frac{7}{6} - \frac{2}{6} = \frac{5}{6}$$

$$\textcircled{3} \quad 1\frac{3}{10} - \frac{4}{5} = \frac{13}{10} - \frac{8}{10} \\ = \frac{5}{10} = \frac{1}{2}$$

$$\textcircled{4} \quad 1\frac{1}{2} - \frac{2}{3} = \frac{9}{6} - \frac{4}{6} = \frac{5}{6}$$

$$\textcircled{5} \quad 2\frac{1}{4} - \frac{3}{8} = \frac{18}{8} - \frac{3}{8} \\ = \frac{15}{8} (1\frac{7}{8})$$

$$\textcircled{6} \quad 1\frac{2}{3} - \frac{1}{15} = \frac{25}{15} - \frac{1}{15} \\ = \frac{24}{15} = \frac{8}{5} (1\frac{3}{5})$$

$$\textcircled{7} \quad 2\frac{1}{2} - 1\frac{1}{4} = \frac{10}{4} - \frac{5}{4} \\ = \frac{5}{4} (1\frac{1}{4})$$

$$\textcircled{8} \quad 3\frac{1}{3} - 1\frac{1}{6} = \frac{20}{6} - \frac{7}{6} \\ = \frac{13}{6} (2\frac{1}{6})$$

$$\textcircled{9} \quad 3\frac{1}{4} - 2\frac{1}{8} = \frac{26}{8} - \frac{17}{8} \\ = \frac{9}{8} (1\frac{1}{8})$$

$$\textcircled{10} \quad 3\frac{1}{3} - 1\frac{1}{9} = \frac{30}{9} - \frac{10}{9} \\ = \frac{20}{9} (2\frac{2}{9})$$

$$\textcircled{11} \quad 3\frac{2}{5} - 2\frac{3}{10} = \frac{34}{10} - \frac{23}{10} \\ = \frac{11}{10} (1\frac{1}{10})$$

$$\textcircled{12} \quad 3\frac{5}{6} - 2\frac{2}{3} = \frac{23}{6} - \frac{16}{6} \\ = \frac{7}{6} (1\frac{1}{6})$$

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$$\begin{aligned}\textcircled{1} \quad 2\frac{1}{3} - \frac{5}{6} &= \frac{14}{6} - \frac{5}{6} \\ &= \frac{9}{6} = \frac{3}{2} \left(1\frac{1}{2}\right)\end{aligned}$$

$$\begin{aligned}\textcircled{2} \quad 3\frac{1}{2} - \frac{2}{4} &= \frac{14}{4} - \frac{2}{4} \\ &= \frac{12}{4} = 3\end{aligned}$$

$$\begin{aligned}\textcircled{3} \quad 2\frac{1}{4} - \frac{5}{6} &= \frac{27}{12} - \frac{10}{12} \\ &= \frac{17}{12} \left(1\frac{5}{12}\right)\end{aligned}$$

$$\begin{aligned}\textcircled{4} \quad 3\frac{1}{3} - \frac{3}{5} &= \frac{50}{15} - \frac{9}{15} \\ &= \frac{41}{15} \left(2\frac{11}{15}\right)\end{aligned}$$

$$\begin{aligned}\textcircled{5} \quad 2\frac{2}{6} - \frac{5}{10} &= \frac{70}{30} - \frac{15}{30} \\ &= \frac{55}{30} = \frac{11}{6} \left(1\frac{5}{6}\right)\end{aligned}$$

$$\begin{aligned}\textcircled{6} \quad 3\frac{3}{4} - \frac{5}{8} &= \frac{30}{8} - \frac{5}{8} \\ &= \frac{25}{8} \left(3\frac{1}{8}\right)\end{aligned}$$

$$\begin{aligned}\textcircled{7} \quad 3\frac{3}{5} - 1\frac{1}{15} &= \frac{54}{15} - \frac{16}{15} \\ &= \frac{38}{15} \left(2\frac{8}{15}\right)\end{aligned}$$

$$\begin{aligned}\textcircled{8} \quad 2\frac{4}{7} - 1\frac{3}{14} &= \frac{36}{14} - \frac{17}{14} \\ &= \frac{19}{14} \left(1\frac{5}{14}\right)\end{aligned}$$

$$\textcircled{9} \quad 2\frac{5}{6} - 2\frac{3}{4} = \frac{34}{12} - \frac{33}{12} = \frac{1}{12}$$

$$\begin{aligned}\textcircled{10} \quad 2\frac{7}{4} - 1\frac{3}{12} &= \frac{45}{12} - \frac{15}{12} \\ &= \frac{30}{12} = \frac{5}{2} \left(2\frac{1}{2}\right)\end{aligned}$$

$$\begin{aligned}\textcircled{11} \quad 3\frac{3}{10} - 2\frac{2}{3} &= \frac{99}{30} - \frac{80}{30} \\ &= \frac{19}{30}\end{aligned}$$

$$\begin{aligned}\textcircled{12} \quad 3\frac{2}{8} - 2\frac{3}{12} &= \frac{78}{24} - \frac{54}{24} \\ &= \frac{24}{24} = 1\end{aligned}$$

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$$\textcircled{1} \quad 1\frac{1}{4} - 1\frac{1}{6} = \frac{15}{12} - \frac{14}{12} = \frac{1}{12}$$

$$\textcircled{2} \quad 2\frac{3}{2} - 1\frac{3}{8} = \frac{28}{8} - \frac{11}{8} \\ = \frac{17}{8} \left(2\frac{1}{8} \right)$$

$$\textcircled{3} \quad 2\frac{4}{6} - 1\frac{3}{4} = \frac{32}{12} - \frac{21}{12} = \frac{11}{12}$$

$$\textcircled{4} \quad 3\frac{3}{7} - 2\frac{2}{3} = \frac{72}{21} - \frac{56}{21} = \frac{16}{21}$$

$$\textcircled{5} \quad 3\frac{5}{8} - 1\frac{3}{12} = \frac{87}{24} - \frac{30}{24} \\ = \frac{57}{24} = \frac{19}{8} \left(2\frac{3}{8} \right)$$

$$\textcircled{6} \quad 2\frac{2}{5} - 1\frac{1}{6} = \frac{72}{30} - \frac{35}{30} \\ = \frac{37}{30} \left(1\frac{7}{30} \right)$$

$$\textcircled{7} \quad 3\frac{3}{4} - 1\frac{2}{5} = \frac{75}{20} - \frac{28}{20} \\ = \frac{47}{20} \left(2\frac{7}{20} \right)$$

$$\textcircled{8} \quad 3\frac{2}{7} - 2\frac{3}{6} = \frac{138}{42} - \frac{105}{42} \\ = \frac{33}{42} = \frac{11}{14}$$

$$\textcircled{9} \quad 3\frac{3}{8} - 2\frac{3}{9} = \frac{243}{72} - \frac{168}{72} \\ = \frac{75}{72} = \frac{25}{24} \left(1\frac{1}{24} \right)$$

$$\textcircled{10} \quad 2\frac{5}{12} - 2\frac{2}{8} = \frac{58}{24} - \frac{54}{24} \\ = \frac{4}{24} = \frac{1}{6}$$

$$\textcircled{11} \quad 3\frac{5}{7} - 2\frac{5}{10} = \frac{260}{70} - \frac{175}{70} \\ = \frac{85}{70} = \frac{17}{14} \left(1\frac{3}{14} \right)$$

$$\textcircled{12} \quad 2\frac{8}{9} - 1\frac{9}{12} = \frac{104}{36} - \frac{63}{36} \\ = \frac{41}{36} \left(1\frac{5}{36} \right)$$

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$$\textcircled{1} \quad 2\frac{4}{9} - 1\frac{3}{4} = \frac{88}{36} - \frac{63}{36} = \frac{25}{36}$$

$$\begin{aligned} \textcircled{2} \quad 3\frac{5}{6} - 2\frac{3}{8} &= \frac{92}{24} - \frac{57}{24} \\ &= \frac{35}{24} \left(1\frac{11}{24} \right) \end{aligned}$$

$$\begin{aligned} \textcircled{3} \quad 4\frac{1}{3} - 2\frac{3}{7} &= \frac{91}{21} - \frac{51}{21} \\ &= \frac{40}{21} \left(1\frac{19}{21} \right) \end{aligned}$$

$$\begin{aligned} \textcircled{4} \quad 3\frac{5}{8} - 2\frac{3}{10} &= \frac{145}{40} - \frac{92}{40} \\ &= \frac{53}{40} \left(1\frac{13}{40} \right) \end{aligned}$$

$$\begin{aligned} \textcircled{5} \quad 2\frac{1}{9} - 1\frac{2}{8} &= \frac{152}{72} - \frac{90}{72} \\ &= \frac{62}{72} = \frac{31}{36} \end{aligned}$$

$$\begin{aligned} \textcircled{6} \quad 3\frac{3}{4} - 2\frac{5}{9} &= \frac{135}{36} - \frac{92}{36} \\ &= \frac{43}{36} \left(1\frac{7}{36} \right) \end{aligned}$$

$$\textcircled{7} \quad 2\frac{2}{3} - 1\frac{7}{10} = \frac{80}{30} - \frac{51}{30} = \frac{29}{30}$$

$$\begin{aligned} \textcircled{8} \quad 3\frac{4}{10} - 2\frac{2}{8} &= \frac{136}{40} - \frac{90}{40} \\ &= \frac{46}{40} = \frac{23}{20} \left(1\frac{3}{20} \right) \end{aligned}$$

$$\textcircled{9} \quad 2\frac{7}{8} - 2\frac{5}{12} = \frac{69}{24} - \frac{58}{24} = \frac{11}{24}$$

$$\textcircled{10} \quad 3\frac{1}{14} - 2\frac{3}{4} = \frac{86}{28} - \frac{77}{28} = \frac{9}{28}$$

$$\begin{aligned} \textcircled{11} \quad 3\frac{5}{6} - 2\frac{5}{18} &= \frac{69}{18} - \frac{41}{18} \\ &= \frac{28}{18} = \frac{14}{9} \left(1\frac{5}{9} \right) \end{aligned}$$

$$\textcircled{12} \quad 3\frac{8}{15} - 3\frac{2}{9} = \frac{159}{45} - \frac{145}{45} = \frac{14}{45}$$

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$$\begin{aligned}\textcircled{1} \quad 3\frac{3}{4} - 2\frac{2}{3} &= \frac{45}{12} - \frac{32}{12} \\ &= \frac{13}{12} \left(1\frac{1}{12}\right)\end{aligned}$$

$$\textcircled{2} \quad 4\frac{1}{6} - 3\frac{3}{5} = \frac{125}{30} - \frac{108}{30} = \frac{17}{30}$$

$$\begin{aligned}\textcircled{3} \quad 3\frac{5}{6} - 1\frac{5}{10} &= \frac{115}{30} - \frac{45}{30} \\ &= \frac{70}{30} = \frac{7}{3} \left(2\frac{1}{3}\right)\end{aligned}$$

$$\textcircled{4} \quad 3\frac{5}{8} - 2\frac{7}{9} = \frac{261}{72} - \frac{200}{72} = \frac{61}{72}$$

$$\begin{aligned}\textcircled{5} \quad 3\frac{3}{12} - 2\frac{4}{5} &= \frac{195}{60} - \frac{168}{60} \\ &= \frac{27}{60} = \frac{9}{20}\end{aligned}$$

$$\begin{aligned}\textcircled{6} \quad 2\frac{8}{9} - 1\frac{4}{6} &= \frac{52}{18} - \frac{30}{18} \\ &= \frac{22}{18} = \frac{11}{9} \left(1\frac{2}{9}\right)\end{aligned}$$

$$\begin{aligned}\textcircled{7} \quad 2\frac{4}{3} - 2\frac{2}{13} &= \frac{130}{39} - \frac{84}{39} \\ &= \frac{46}{39} \left(1\frac{7}{39}\right)\end{aligned}$$

$$\begin{aligned}\textcircled{8} \quad 3\frac{7}{15} - 2\frac{7}{5} &= \frac{104}{30} - \frac{102}{30} \\ &= \frac{2}{30} = \frac{1}{15}\end{aligned}$$

$$\begin{aligned}\textcircled{9} \quad 4\frac{5}{6} - 3\frac{3}{7} &= \frac{203}{42} - \frac{144}{42} \\ &= \frac{59}{42} \left(1\frac{17}{42}\right)\end{aligned}$$

$$\textcircled{10} \quad 3\frac{5}{12} - 2\frac{9}{10} = \frac{205}{60} - \frac{174}{60} = \frac{31}{60}$$

$$\begin{aligned}\textcircled{11} \quad 4\frac{3}{7} - 2\frac{3}{5} &= \frac{155}{35} - \frac{91}{35} \\ &= \frac{64}{35} \left(1\frac{29}{35}\right)\end{aligned}$$

$$\begin{aligned}\textcircled{12} \quad 4\frac{9}{10} - 3\frac{7}{9} &= \frac{441}{90} - \frac{340}{90} \\ &= \frac{101}{90} \left(1\frac{11}{90}\right)\end{aligned}$$