

Addition und Subtraktion von Brüchen mit ungleichem Nenner

Lösung:

$$\begin{array}{l}
 1) \frac{8}{6} + \frac{7}{8} = \underline{\quad} + \underline{\quad} = \underline{\quad} + \underline{\quad} = \underline{\quad} \\
 2) \frac{6}{4} + \frac{7}{10} = \underline{\quad} + \underline{\quad} = \underline{\quad} + \underline{\quad} = \underline{\quad} \\
 3) \frac{8}{7} + \frac{6}{9} = \underline{\quad} + \underline{\quad} = \underline{\quad} + \underline{\quad} = \underline{\quad} \\
 4) \frac{3}{7} + \frac{8}{10} = \underline{\quad} + \underline{\quad} = \underline{\quad} + \underline{\quad} = \underline{\quad} \\
 5) \frac{2}{3} + \frac{3}{7} = \underline{\quad} + \underline{\quad} = \underline{\quad} + \underline{\quad} = \underline{\quad} \\
 6) \frac{9}{5} + \frac{3}{4} = \underline{\quad} + \underline{\quad} = \underline{\quad} + \underline{\quad} = \underline{\quad} \\
 7) \frac{3}{4} + \frac{6}{5} = \underline{\quad} + \underline{\quad} = \underline{\quad} + \underline{\quad} = \underline{\quad} \\
 8) \frac{9}{6} + \frac{3}{9} = \underline{\quad} + \underline{\quad} = \underline{\quad} + \underline{\quad} = \underline{\quad} \\
 9) \frac{6}{5} + \frac{2}{10} = \underline{\quad} + \underline{\quad} = \underline{\quad} + \underline{\quad} = \underline{\quad} \\
 10) \frac{5}{3} + \frac{7}{8} = \underline{\quad} + \underline{\quad} = \underline{\quad} + \underline{\quad} = \underline{\quad} \\
 11) \frac{4}{5} - \frac{4}{7} = \underline{\quad} - \underline{\quad} = \underline{\quad} - \underline{\quad} = \underline{\quad} \\
 12) \frac{3}{2} - \frac{5}{4} = \underline{\quad} - \underline{\quad} = \underline{\quad} - \underline{\quad} = \underline{\quad} \\
 13) \frac{8}{9} - \frac{2}{10} = \underline{\quad} - \underline{\quad} = \underline{\quad} - \underline{\quad} = \underline{\quad} \\
 14) \frac{6}{3} - \frac{7}{6} = \underline{\quad} - \underline{\quad} = \underline{\quad} - \underline{\quad} = \underline{\quad} \\
 15) \frac{7}{8} - \frac{7}{5} = \underline{\quad} - \underline{\quad} = \underline{\quad} - \underline{\quad} = \underline{\quad} \\
 16) \frac{5}{3} - \frac{7}{8} = \underline{\quad} - \underline{\quad} = \underline{\quad} - \underline{\quad} = \underline{\quad} \\
 17) \frac{8}{6} - \frac{3}{9} = \underline{\quad} - \underline{\quad} = \underline{\quad} - \underline{\quad} = \underline{\quad}
 \end{array}$$

$$\begin{array}{l}
 1) \frac{8}{6} + \frac{7}{8} = \frac{32}{24} + \frac{21}{24} = \frac{53}{24} = \underline{\quad} \\
 2) \frac{6}{4} + \frac{7}{10} = \frac{30}{20} + \frac{14}{20} = \frac{44}{20} = \frac{11}{5} \\
 3) \frac{8}{7} + \frac{6}{9} = \frac{72}{63} + \frac{42}{63} = \frac{114}{63} = \frac{38}{21} \\
 4) \frac{3}{7} + \frac{8}{10} = \frac{30}{70} + \frac{56}{70} = \frac{86}{70} = \frac{43}{35} \\
 5) \frac{2}{3} + \frac{3}{7} = \frac{14}{21} + \frac{9}{21} = \frac{23}{21} = \underline{\quad} \\
 6) \frac{9}{5} + \frac{3}{4} = \frac{36}{20} + \frac{15}{20} = \frac{51}{20} = \underline{\quad} \\
 7) \frac{3}{4} + \frac{6}{5} = \frac{15}{20} + \frac{24}{20} = \frac{39}{20} = \underline{\quad} \\
 8) \frac{9}{6} + \frac{3}{9} = \frac{27}{18} + \frac{6}{18} = \frac{33}{18} = \frac{11}{6} \\
 9) \frac{6}{5} + \frac{2}{10} = \frac{12}{10} + \frac{2}{10} = \frac{14}{10} = \frac{7}{5} \\
 10) \frac{5}{3} + \frac{7}{8} = \frac{40}{24} + \frac{21}{24} = \frac{61}{24} = \underline{\quad} \\
 11) \frac{4}{5} - \frac{4}{7} = \frac{28}{35} - \frac{20}{35} = \frac{8}{35} = \underline{\quad} \\
 12) \frac{3}{2} - \frac{5}{4} = \frac{6}{4} - \frac{5}{4} = \frac{1}{4} = \underline{\quad} \\
 13) \frac{8}{9} - \frac{2}{10} = \frac{80}{90} - \frac{18}{90} = \frac{62}{90} = \frac{31}{45} \\
 14) \frac{6}{3} - \frac{7}{6} = \frac{12}{6} - \frac{7}{6} = \frac{5}{6} = \underline{\quad} \\
 15) \frac{7}{8} - \frac{7}{5} = \frac{35}{40} - \frac{56}{40} = \frac{-21}{40} = \underline{\quad} \\
 16) \frac{5}{3} - \frac{7}{8} = \frac{40}{24} - \frac{21}{24} = \frac{19}{24} = \underline{\quad} \\
 17) \frac{8}{6} - \frac{3}{9} = \frac{24}{18} - \frac{6}{18} = \frac{18}{18} = \frac{1}{1}
 \end{array}$$