

# Addition und Subtraktion von Brüchen mit ungleichem Nenner

Lösung:

- 1)  $\frac{4}{9} + \frac{8}{10} = \underline{\hspace{1cm}} + \underline{\hspace{1cm}} = \underline{\hspace{1cm}} + \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$
- 2)  $\frac{6}{7} + \frac{2}{4} = \underline{\hspace{1cm}} + \underline{\hspace{1cm}} = \underline{\hspace{1cm}} + \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$
- 3)  $\frac{6}{8} + \frac{7}{10} = \underline{\hspace{1cm}} + \underline{\hspace{1cm}} = \underline{\hspace{1cm}} + \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$
- 4)  $\frac{5}{6} + \frac{6}{3} = \underline{\hspace{1cm}} + \underline{\hspace{1cm}} = \underline{\hspace{1cm}} + \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$
- 5)  $\frac{6}{7} + \frac{2}{9} = \underline{\hspace{1cm}} + \underline{\hspace{1cm}} = \underline{\hspace{1cm}} + \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$
- 6)  $\frac{7}{8} + \frac{8}{11} = \underline{\hspace{1cm}} + \underline{\hspace{1cm}} = \underline{\hspace{1cm}} + \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$
- 7)  $\frac{8}{7} + \frac{2}{3} = \underline{\hspace{1cm}} + \underline{\hspace{1cm}} = \underline{\hspace{1cm}} + \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$
- 8)  $\frac{6}{4} + \frac{3}{8} = \underline{\hspace{1cm}} + \underline{\hspace{1cm}} = \underline{\hspace{1cm}} + \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$
- 9)  $\frac{3}{4} + \frac{7}{6} = \underline{\hspace{1cm}} + \underline{\hspace{1cm}} = \underline{\hspace{1cm}} + \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$
- 10)  $\frac{3}{9} + \frac{6}{3} = \underline{\hspace{1cm}} + \underline{\hspace{1cm}} = \underline{\hspace{1cm}} + \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$
- 11)  $\frac{9}{3} - \frac{9}{7} = \underline{\hspace{1cm}} - \underline{\hspace{1cm}} = \underline{\hspace{1cm}} - \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$
- 12)  $\frac{3}{9} - \frac{3}{8} = \underline{\hspace{1cm}} - \underline{\hspace{1cm}} = \underline{\hspace{1cm}} - \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$
- 13)  $\frac{4}{9} - \frac{3}{10} = \underline{\hspace{1cm}} - \underline{\hspace{1cm}} = \underline{\hspace{1cm}} - \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$
- 14)  $\frac{9}{4} - \frac{4}{9} = \underline{\hspace{1cm}} - \underline{\hspace{1cm}} = \underline{\hspace{1cm}} - \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$
- 15)  $\frac{6}{9} - \frac{7}{12} = \underline{\hspace{1cm}} - \underline{\hspace{1cm}} = \underline{\hspace{1cm}} - \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$
- 16)  $\frac{4}{7} - \frac{5}{4} = \underline{\hspace{1cm}} - \underline{\hspace{1cm}} = \underline{\hspace{1cm}} - \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$
- 17)  $\frac{9}{7} - \frac{8}{4} = \underline{\hspace{1cm}} - \underline{\hspace{1cm}} = \underline{\hspace{1cm}} - \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$

- 1)  $\frac{4}{9} + \frac{8}{10} = \frac{40}{90} + \frac{72}{90} = \frac{112}{90} = \frac{56}{45}$
- 2)  $\frac{6}{7} + \frac{2}{4} = \frac{24}{28} + \frac{14}{28} = \frac{38}{28} = \frac{19}{14}$
- 3)  $\frac{6}{8} + \frac{7}{10} = \frac{30}{40} + \frac{28}{40} = \frac{58}{40} = \frac{29}{20}$
- 4)  $\frac{5}{6} + \frac{6}{3} = \frac{5}{6} + \frac{12}{6} = \frac{17}{6}$   $\underline{\hspace{1cm}}$
- 5)  $\frac{6}{7} + \frac{2}{9} = \frac{54}{63} + \frac{14}{63} = \frac{68}{63}$   $\underline{\hspace{1cm}}$
- 6)  $\frac{7}{8} + \frac{8}{11} = \frac{77}{88} + \frac{64}{88} = \frac{141}{88}$   $\underline{\hspace{1cm}}$
- 7)  $\frac{8}{7} + \frac{2}{3} = \frac{24}{21} + \frac{14}{21} = \frac{38}{21}$   $\underline{\hspace{1cm}}$
- 8)  $\frac{6}{4} + \frac{3}{8} = \frac{12}{8} + \frac{3}{8} = \frac{15}{8}$   $\underline{\hspace{1cm}}$
- 9)  $\frac{3}{4} + \frac{7}{6} = \frac{9}{12} + \frac{14}{12} = \frac{23}{12}$   $\underline{\hspace{1cm}}$
- 10)  $\frac{3}{9} + \frac{6}{3} = \frac{3}{9} + \frac{18}{9} = \frac{21}{9} = \frac{7}{3}$
- 11)  $\frac{9}{3} - \frac{9}{7} = \frac{63}{21} - \frac{27}{21} = \frac{36}{21} = \frac{12}{7}$
- 12)  $\frac{3}{9} - \frac{3}{8} = \frac{24}{72} - \frac{27}{72} = \frac{-3}{72} = \frac{-1}{24}$
- 13)  $\frac{4}{9} - \frac{3}{10} = \frac{40}{90} - \frac{27}{90} = \frac{13}{90}$   $\underline{\hspace{1cm}}$
- 14)  $\frac{9}{4} - \frac{4}{9} = \frac{81}{36} - \frac{16}{36} = \frac{65}{36}$   $\underline{\hspace{1cm}}$
- 15)  $\frac{6}{9} - \frac{7}{12} = \frac{24}{36} - \frac{21}{36} = \frac{3}{36} = \frac{1}{12}$
- 16)  $\frac{4}{7} - \frac{5}{4} = \frac{16}{28} - \frac{35}{28} = \frac{-19}{28}$   $\underline{\hspace{1cm}}$
- 17)  $\frac{9}{7} - \frac{8}{4} = \frac{36}{28} - \frac{56}{28} = \frac{-20}{28} = \frac{-5}{7}$