

### Addition und Subtraktion von Brüchen mit gleichem Nenner

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

### Lösung:

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

Brüche mit gleichem Nenner werden addiert/subtrahiert, indem man die Zähler addiert/subtrahiert und den Nenner beibehält.