

Addition und Subtraktion von Brüchen mit gleichem Nenner

$$1) \frac{6}{4} + \frac{3}{4} = \frac{6+3}{4} = \frac{9}{4}$$

$$2) \frac{4}{5} + \frac{7}{5} = \frac{\quad}{5} = \frac{\quad}{5}$$

$$3) \frac{7}{5} + \frac{9}{5} = \frac{\quad}{5} = \frac{\quad}{5}$$

$$4) \frac{8}{6} + \frac{9}{6} = \frac{\quad}{6} = \frac{\quad}{6}$$

$$5) \frac{9}{10} + \frac{8}{10} = \frac{\quad}{10} = \frac{\quad}{10}$$

$$6) \frac{5}{9} + \frac{7}{9} = \frac{\quad}{9} = \frac{\quad}{9}$$

$$7) \frac{4}{3} + \frac{2}{3} = \frac{\quad}{3} = \frac{\quad}{3}$$

$$8) \frac{5}{3} - \frac{3}{3} = \frac{5-3}{3} = \frac{2}{3}$$

$$9) \frac{5}{6} - \frac{4}{6} = \frac{\quad}{6} = \frac{\quad}{6}$$

$$10) \frac{4}{6} - \frac{2}{6} = \frac{\quad}{6} = \frac{\quad}{6}$$

$$11) \frac{17}{4} - \frac{7}{4} = \frac{\quad}{4} = \frac{\quad}{4}$$

$$12) \frac{11}{6} - \frac{8}{6} = \frac{\quad}{6} = \frac{\quad}{6}$$

$$13) \frac{5}{4} - \frac{2}{4} = \frac{\quad}{4} = \frac{\quad}{4}$$

$$14) \frac{9}{5} - \frac{7}{5} = \frac{\quad}{5} = \frac{\quad}{5}$$

$$15) \frac{7}{4} - \frac{2}{4} = \frac{\quad}{4} = \frac{\quad}{4}$$

$$16) \frac{7}{8} - \frac{5}{8} = \frac{\quad}{8} = \frac{\quad}{8}$$

$$17) \frac{14}{7} - \frac{12}{7} = \frac{\quad}{7} = \frac{\quad}{7}$$

Lösung:

$$1) \frac{6}{4} + \frac{3}{4} = \frac{9}{4} \quad \underline{\quad}$$

$$2) \frac{4}{5} + \frac{7}{5} = \frac{11}{5} \quad \underline{\quad}$$

$$3) \frac{7}{5} + \frac{9}{5} = \frac{16}{5} \quad \underline{\quad}$$

$$4) \frac{8}{6} + \frac{9}{6} = \frac{17}{6} \quad \underline{\quad}$$

$$5) \frac{9}{10} + \frac{8}{10} = \frac{17}{10} \quad \underline{\quad}$$

$$6) \frac{5}{9} + \frac{7}{9} = \frac{12}{9} = \frac{4}{3} \quad \underline{\quad}$$

$$7) \frac{4}{3} + \frac{2}{3} = \frac{6}{3} = \frac{2}{1} \quad \underline{\quad}$$

$$8) \frac{5}{3} - \frac{3}{3} = \frac{2}{3} \quad \underline{\quad}$$

$$9) \frac{5}{6} - \frac{4}{6} = \frac{1}{6} \quad \underline{\quad}$$

$$10) \frac{4}{6} - \frac{2}{6} = \frac{2}{6} = \frac{1}{3} \quad \underline{\quad}$$

$$11) \frac{17}{4} - \frac{7}{4} = \frac{10}{4} = \frac{5}{2} \quad \underline{\quad}$$

$$12) \frac{11}{6} - \frac{8}{6} = \frac{3}{6} = \frac{1}{2} \quad \underline{\quad}$$

$$13) \frac{5}{4} - \frac{2}{4} = \frac{3}{4} \quad \underline{\quad}$$

$$14) \frac{9}{5} - \frac{7}{5} = \frac{2}{5} \quad \underline{\quad}$$

$$15) \frac{7}{4} - \frac{2}{4} = \frac{5}{4} \quad \underline{\quad}$$

$$16) \frac{7}{8} - \frac{5}{8} = \frac{2}{8} = \frac{1}{4} \quad \underline{\quad}$$

$$17) \frac{14}{7} - \frac{12}{7} = \frac{2}{7} \quad \underline{\quad}$$

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