

Addieren und subtrahieren ...

... mit gleichnamigen Brüchen

LEVEL 1

$$\frac{2}{9} + \frac{3}{9} = \frac{5}{9}$$

$$\frac{5}{7} + \frac{1}{7} = \frac{6}{7}$$

$$\frac{10}{11} - \frac{6}{11} = \frac{4}{11}$$

$$\frac{2}{10} + \frac{7}{10} = \frac{9}{10}$$

$$\frac{7}{8} - \frac{4}{8} = \frac{3}{8}$$

$$\frac{10}{7} - \frac{3}{7} = \frac{7}{7} = 1$$

$$\frac{3}{4} + \frac{5}{4} = \frac{8}{4} = 2$$

$$\frac{2}{3} + \frac{7}{3} = \frac{9}{3} = 3$$

$$\frac{13}{2} - \frac{5}{2} = \frac{8}{2} = 4$$

$$\frac{3}{5} + \frac{4}{5} = \frac{7}{5} = 1\frac{2}{5}$$

$$\frac{3}{8} + \frac{6}{8} = \frac{9}{8} = 1\frac{1}{8}$$

$$\frac{13}{3} - \frac{5}{3} = \frac{8}{3} = 2\frac{2}{3}$$

$$\frac{10}{4} - \frac{3}{4} = \frac{7}{4} = 1\frac{3}{4}$$

LEVEL 2

$$2\frac{3}{5} + 1\frac{1}{5} = 3\frac{4}{5}$$

$$3\frac{5}{8} + 2\frac{2}{8} = 5\frac{7}{8}$$

$$6\frac{3}{4} - 4\frac{2}{4} = 2\frac{1}{4}$$

$$5\frac{8}{9} - 2\frac{4}{9} = 3\frac{4}{9}$$

$$7\frac{11}{12} - 2\frac{9}{12} = 9\frac{2}{12} = 9\frac{1}{6}$$

$$3\frac{1}{6} + 1\frac{3}{6} = 4\frac{4}{6} = 4\frac{2}{3}$$

$$8\frac{7}{10} - \frac{5}{10} = 8\frac{2}{10} = 8\frac{1}{5}$$

$$2\frac{3}{5} + 1\frac{4}{5} = 3\frac{7}{5} = 4\frac{2}{5}$$

$$5\frac{2}{3} + 2\frac{2}{3} = 7\frac{4}{3} = 8\frac{1}{3}$$

$$4\frac{6}{7} + 1\frac{5}{7} = 5\frac{11}{7} = 6\frac{4}{7}$$

$$3\frac{7}{8} + 2\frac{7}{8} = 5\frac{14}{8} = 6\frac{6}{8} = 6\frac{3}{4}$$

$$2\frac{7}{10} + 6\frac{9}{10} = 8\frac{16}{10} = 9\frac{6}{10} = 9\frac{3}{5}$$

LEVEL 3

$$\frac{1}{4} + \frac{1}{2} = \frac{1}{4} + \frac{2}{4} = \frac{3}{4}$$

$$\frac{1}{2} + \frac{3}{8} = \frac{4}{8} + \frac{3}{8} = \frac{7}{8}$$

$$\frac{1}{4} + \frac{1}{8} = \frac{2}{8} + \frac{1}{8} = \frac{3}{8}$$

$$3\frac{1}{3} - \frac{2}{3} = \frac{10}{3} - \frac{2}{3} = \frac{8}{3} = 2\frac{2}{3}$$

$$5\frac{2}{5} - \frac{4}{5} = \frac{27}{5} - \frac{4}{5} = \frac{23}{5} = 4\frac{3}{5}$$

$$3\frac{3}{7} - 1\frac{5}{7} = \frac{24}{7} - \frac{12}{7} = \frac{12}{7} = 1\frac{5}{7}$$

$$4\frac{1}{9} - 2\frac{3}{9} = \frac{37}{9} - \frac{21}{9} = \frac{16}{9} = 1\frac{7}{9}$$

$$4\frac{1}{4} - \frac{3}{4} = \frac{17}{4} - \frac{3}{4} = \frac{14}{4} = 3\frac{2}{4} = 3\frac{1}{2}$$

$$5\frac{3}{8} - 2\frac{7}{8} = \frac{43}{8} - \frac{23}{8} = \frac{20}{8} = 2\frac{4}{8} = 2\frac{1}{2}$$

a) Welche Zahl muss zu $3\frac{2}{7}$ addiert werden, um 5 zu erhalten? $1\frac{5}{7}$

b) Welche Zahl erhält man, wenn man $2\frac{3}{5}$ von 7 subtrahiert? $4\frac{2}{5}$

c) Wie schwer ist der Einkaufskorb? $\frac{1}{2}$ kg Brot, $\frac{1}{4}$ kg Zucker, $\frac{1}{8}$ kg Butter, 1 kg Mehl $1\frac{7}{8}$ kg

Autor: Erich Hnilica | **Thema:** Brüche, Bruchrechnung, gleichnamige Brüche, addieren, subtrahieren, umwandeln

© 2009 mathe-lexikon.at. Änderungen und Irrtümer vorbehalten. Die Bedingungen für die Weitergabe/Vervielfältigung dieses Dokuments finden Sie unter: <http://agb.mathe-lexikon.at>