

Addieren mit ungleichnamigen Brüchen

Lösungen

LEVEL 1

$$\frac{3}{5} + \frac{3}{10} = \frac{6}{10} + \frac{3}{10} = \frac{9}{10}$$

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

$$\frac{1}{3} + \frac{1}{2} = \frac{2}{6} + \frac{3}{6} = \frac{5}{6}$$

$$2\frac{1}{5} + \frac{1}{4} = \frac{8}{20} + \frac{5}{20} = \frac{13}{20}$$

$$\frac{3}{4} + \frac{2}{3} = \frac{9}{12} + \frac{8}{12} = \frac{17}{12} = 1\frac{5}{12}$$

$$\frac{1}{4} + \frac{9}{10} = \frac{5}{20} + \frac{18}{20} = \frac{23}{20} = 1\frac{3}{20}$$

LEVEL 2

$$2\frac{3}{3} + \frac{3}{4} + \frac{1}{2} = \frac{8}{12} + \frac{9}{12} + \frac{6}{12} = \frac{23}{12} = 1\frac{11}{12}$$

$$\frac{1}{6} + 1\frac{2}{3} = \frac{1}{6} + 1\frac{4}{6} = 1\frac{5}{6}$$

$$1\frac{1}{3} + \frac{1}{2} = 1\frac{2}{6} + \frac{3}{6} = 1\frac{5}{6}$$

$$3\frac{2}{5} + \frac{1}{4} = 3\frac{8}{20} + \frac{5}{20} = 3\frac{13}{20}$$

$$2\frac{3}{3} + 3\frac{3}{8} = \frac{16}{24} + 3\frac{9}{24} = 3\frac{25}{24} = 4\frac{1}{24}$$

$$2\frac{3}{4} + \frac{5}{6} = 2\frac{9}{12} + \frac{10}{12} = 2\frac{19}{12} = 3\frac{7}{12}$$

LEVEL 3

$$2\frac{1}{4} + 1\frac{1}{3} = 2\frac{3}{12} + 1\frac{4}{12} = 3\frac{7}{12}$$

$$3\frac{1}{4} + 3\frac{2}{3} = 3\frac{3}{12} + 3\frac{8}{12} = 3\frac{11}{12}$$

$$1\frac{3}{10} + 2\frac{4}{5} = 1\frac{3}{10} + 2\frac{8}{10} = 3\frac{11}{10} = 4\frac{1}{10}$$

$$2\frac{1}{2} + 2\frac{7}{8} = 2\frac{4}{8} + 2\frac{7}{8} = 4\frac{11}{8} = 5\frac{3}{8}$$

$$1\frac{5}{8} + 2\frac{3}{4} + 3\frac{1}{2} = 1\frac{5}{8} + 2\frac{6}{8} + 3\frac{4}{8} = 6\frac{15}{8} = 7\frac{7}{8}$$

$$3\frac{2}{5} + 2\frac{3}{10} + 2\frac{1}{2} = 3\frac{4}{10} + 2\frac{3}{10} + 2\frac{5}{10} = 7\frac{12}{10} = 8\frac{2}{10} = 8\frac{1}{5}$$

$1\frac{3}{20}$	$3\frac{7}{12}$	$4\frac{1}{10}$	$\frac{3}{10}$	$2\frac{5}{20}$	$3\frac{1}{8}$	$\frac{1}{10}$	$8\frac{1}{5}$	$3\frac{13}{20}$	$6\frac{11}{12}$
$1\frac{5}{12}$	$2\frac{7}{8}$	$4\frac{1}{24}$	$7\frac{7}{8}$	$1\frac{7}{12}$	$7\frac{3}{5}$	$\frac{13}{20}$	$1\frac{5}{6}$	$2\frac{1}{6}$	$3\frac{7}{12}$
$\frac{9}{10}$	$\frac{5}{6}$	$1\frac{5}{6}$	$1\frac{7}{10}$	$\frac{4}{5}$	$3\frac{1}{6}$	$2\frac{3}{17}$	$1\frac{1}{4}$	$5\frac{3}{8}$	$1\frac{11}{12}$

Autor: Erich Hnilica | **Thema:** Brüche, Bruchrechnung, ungleichnamige Brüche, addieren, umwandeln, Ganze herausheben

© 2010 mathe-lexikon.at. Änderungen und Irrtümer vorbehalten. Die Bedingungen für die Weitergabe/Vervielfältigung dieses Dokuments finden Sie unter: <http://agb.mathe-lexikon.at>