

Selbsttest: Doppelbrüche 2

Aufgaben

$$\frac{\left(-\frac{2}{-3} - \frac{9}{-7} + \frac{1}{-2} + \frac{-3}{7}\right) * \left(\frac{3}{-4} + \frac{-7}{-4}\right)}{\left(-\frac{-2}{-3} + \frac{10}{-7}\right) * \left(-\frac{1}{2} + \frac{1}{3} - \frac{-1}{-2}\right)}$$

$$\frac{\left(-\frac{-3}{5} - \frac{7}{-5}\right) * \left(-\frac{-5}{-9} + \frac{-3}{-5} - \frac{4}{3}\right)}{\left(-\frac{-2}{-7} - \frac{2}{5}\right) * \left(\frac{7}{9} - \frac{3}{-2} - \frac{-1}{-3}\right)}$$

$$\frac{\left(-\frac{1}{8} + \frac{-2}{-5}\right) * \left(-\frac{1}{-3} + \frac{3}{-5}\right)}{\left(-\frac{-7}{-8} + \frac{1}{2}\right) * \left(-\frac{1}{-4} + \frac{3}{-4} - \frac{-6}{5}\right)}$$

$$\frac{\left(\frac{4}{5} + \frac{1}{-2} - \frac{-9}{10}\right) * \left(-\frac{-1}{-6} - \frac{9}{8} + \frac{1}{-3}\right)}{\left(-\frac{3}{-2} - \frac{-6}{-7}\right) * \left(\frac{-1}{-3} - \frac{-10}{-9} - \frac{1}{2} + \frac{6}{-5}\right)}$$

$$\frac{\left(\frac{1}{-8} - \frac{-1}{8}\right) * \left(\frac{5}{3} + \frac{-5}{3}\right)}{\left(\frac{-7}{-2} - \frac{2}{9}\right) * \left(-\frac{2}{7} + \frac{5}{-2}\right)}$$

$$\frac{\left(-\frac{4}{9} - \frac{-5}{-8}\right) * \left(-\frac{-6}{-5} - \frac{-3}{-2} - \frac{-3}{2} - \frac{7}{-3}\right)}{\left(\frac{-7}{-3} + \frac{-5}{6} - \frac{1}{-5} - \frac{-3}{-10}\right) * \left(\frac{7}{-3} + \frac{-7}{-4}\right)}$$

$$\frac{\left(-\frac{-2}{3} - \frac{9}{5} - \frac{4}{-3}\right) * \left(-\frac{10}{-3} - \frac{3}{-4} - \frac{-1}{2}\right)}{\left(\frac{-6}{5} + \frac{-5}{2}\right) * \left(\frac{4}{3} - \frac{7}{3} + \frac{1}{2}\right)}$$

$$\frac{\left(\frac{-4}{9} - \frac{1}{10} + \frac{-1}{3}\right) * \left(-\frac{-7}{2} + \frac{-1}{3} - \frac{-1}{-2}\right)}{\left(-\frac{-10}{9} + \frac{5}{-3} - \frac{2}{5}\right) * \left(-\frac{5}{6} - \frac{-10}{-3} + \frac{-3}{4} - \right)}$$

Aufgaben

Lösungen

$$\frac{\left(-\frac{2}{-3} - \frac{9}{-7} + \frac{1}{-2} + \frac{-3}{7}\right) * \left(\frac{3}{-4} + \frac{-7}{-4}\right)}{\left(-\frac{-2}{-3} + \frac{10}{-7}\right) * \left(-\frac{1}{2} + \frac{1}{3} - \frac{-1}{-2}\right)}$$

 $\frac{129}{176}$ $\frac{129}{176}$

$$\frac{\left(-\frac{-3}{5} - \frac{7}{-5}\right) * \left(-\frac{-5}{-9} + \frac{-3}{-5} - \frac{4}{3}\right)}{\left(-\frac{-2}{-7} - \frac{2}{5}\right) * \left(\frac{7}{9} - \frac{3}{-2} - \frac{-1}{-3}\right)}$$

 $\frac{29}{15}$ $\frac{29}{15}$

$$\frac{\left(-\frac{1}{8} + \frac{-2}{-5}\right) * \left(-\frac{1}{-3} + \frac{3}{-5}\right)}{\left(-\frac{-7}{-8} + \frac{1}{2}\right) * \left(-\frac{1}{-4} + \frac{3}{-4} - \frac{-6}{5}\right)}$$

 $\frac{88}{315}$ $\frac{88}{315}$

$$\frac{\left(\frac{4}{5} + \frac{1}{-2} - \frac{-9}{10}\right) * \left(-\frac{-1}{-6} - \frac{9}{8} + \frac{1}{-3}\right)}{\left(-\frac{3}{-2} - \frac{-6}{-7}\right) * \left(\frac{-1}{-3} - \frac{-10}{-9} - \frac{1}{2} + \frac{6}{-5}\right)}$$

 $\frac{273}{223}$ $\frac{273}{223}$

$$\frac{\left(\frac{1}{-8} - \frac{-1}{8}\right) * \left(\frac{5}{3} + \frac{-5}{3}\right)}{\left(\frac{-7}{-2} - \frac{2}{9}\right) * \left(-\frac{2}{7} + \frac{5}{-2}\right)}$$

 0

$$\frac{\left(-\frac{4}{9} - \frac{-5}{-8}\right) * \left(-\frac{-6}{-5} - \frac{-3}{-2} - \frac{-3}{2} - \frac{7}{-3}\right)}{\left(\frac{-7}{-3} + \frac{-5}{6} - \frac{1}{-5} - \frac{-3}{-10}\right) * \left(\frac{7}{-3} + \frac{-7}{-4}\right)}$$

 $\frac{187}{126}$ $\frac{187}{126}$

$$\frac{\left(-\frac{-2}{3} - \frac{9}{5} - \frac{4}{-3}\right) * \left(-\frac{10}{-3} - \frac{3}{-4} - \frac{-1}{2}\right)}{\left(\frac{-6}{5} + \frac{-5}{2}\right) * \left(\frac{4}{3} - \frac{7}{3} + \frac{1}{2}\right)}$$

 $\frac{55}{111}$ $\frac{55}{111}$

$$\frac{\left(\frac{-4}{9} - \frac{1}{10} + \frac{-1}{3}\right) * \left(-\frac{-7}{2} + \frac{-1}{3} - \frac{-1}{-2}\right)}{\left(-\frac{-10}{9} + \frac{5}{-3} - \frac{2}{5}\right) * \left(-\frac{5}{6} - \frac{-10}{-3} + \frac{-3}{4} - \frac{9}{-4}\right)}$$

 $\frac{-79}{86}$ $\frac{-79}{86}$