

# Selbsttest Doppelbrüche II

## Aufgaben

$$\left(\frac{5}{6} + \frac{3}{8}\right) \cdot \left(\frac{3}{8} + \frac{-3}{4}\right)$$

$$\left(\frac{-5}{-7} + \frac{4}{7}\right) \cdot \left(\frac{7}{5} - \frac{-5}{-2}\right)$$

$$\left(\frac{-1}{3} - \frac{7}{6}\right) \cdot \left(\frac{-7}{-6} - \frac{-7}{6}\right)$$

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

$$\left(-\frac{7}{3} - \frac{7}{4}\right) \cdot \left(\frac{-8}{-7} - \frac{5}{6}\right)$$

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

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

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

$$\left(\frac{1}{-3} + \frac{5}{-4}\right) \cdot \left(\frac{1}{-6} - \frac{1}{6}\right)$$

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

$$\left(\frac{1}{-4} - \frac{-4}{-5}\right) \cdot \left(-\frac{-2}{3} - \frac{3}{-4}\right)$$

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

$$\left(-\frac{-6}{7} + \frac{-1}{6}\right) \cdot \left(\frac{-1}{-3} - \frac{3}{-2}\right)$$

$$\left(-\frac{2}{7} + \frac{5}{-6}\right) \cdot \left(\frac{-5}{7} - \frac{8}{5}\right)$$

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

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

$$\left(-\frac{-5}{6} + \frac{-5}{-6}\right) \cdot \left(\frac{-1}{-3} - \frac{-8}{5}\right)$$

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

$$\left(-\frac{-4}{3} - \frac{-7}{-4}\right) \cdot \left(\frac{-2}{-3} + \frac{3}{8}\right)$$

$$\left(-\frac{-5}{-4} - \frac{-7}{4}\right) \cdot \left(-\frac{5}{6} - \frac{-4}{-7}\right)$$

Aufgaben	Lösungen
$\frac{\left(\frac{5}{6} + \frac{3}{8}\right) \cdot \left(\frac{3}{8} + \frac{-3}{4}\right)}{\left(\frac{-5}{-7} + \frac{4}{7}\right) \cdot \left(\frac{7}{5} - \frac{-5}{-2}\right)}$	$\frac{1015}{3168}$
$\frac{\left(\frac{-1}{3} - \frac{7}{6}\right) \cdot \left(\frac{-7}{-6} - \frac{-7}{6}\right)}{\left(\frac{-4}{-7} + \frac{-3}{2}\right) \cdot \left(\frac{-1}{-6} + \frac{-1}{2}\right)}$	$-\frac{147}{13}$
$\frac{\left(\frac{-7}{3} - \frac{7}{4}\right) \cdot \left(\frac{-8}{-7} - \frac{5}{6}\right)}{\left(\frac{3}{-8} + \frac{-1}{-6}\right) \cdot \left(\frac{-4}{-3} - \frac{-7}{6}\right)}$	$-\frac{182}{5}$
$\frac{\left(\frac{-1}{-6} - \frac{-3}{-4}\right) \cdot \left(\frac{5}{3} - \frac{7}{8}\right)}{\left(\frac{-5}{-4} + \frac{-7}{-6}\right) \cdot \left(\frac{-7}{4} + \frac{2}{3}\right)}$	$-\frac{133}{1682}$
$\frac{\left(\frac{1}{-3} + \frac{5}{-4}\right) \cdot \left(\frac{1}{-6} - \frac{1}{6}\right)}{\left(\frac{-1}{-2} - \frac{4}{5}\right) \cdot \left(\frac{-3}{4} - \frac{6}{-7}\right)}$	$-\frac{1330}{81}$
$\frac{\left(\frac{1}{-4} - \frac{-4}{-5}\right) \cdot \left(\frac{-2}{3} - \frac{3}{-4}\right)}{\left(\frac{-2}{-3} + \frac{-5}{2}\right) \cdot \left(\frac{3}{-8} - \frac{-4}{-7}\right)}$	$-\frac{2499}{2915}$
$\frac{\left(\frac{-6}{7} + \frac{-1}{6}\right) \cdot \left(\frac{-1}{-3} - \frac{3}{-2}\right)}{\left(\frac{-2}{7} + \frac{5}{-6}\right) \cdot \left(\frac{-5}{7} - \frac{8}{5}\right)}$	$\frac{7105}{22842}$
$\frac{\left(\frac{-5}{7} + \frac{-1}{8}\right) \cdot \left(\frac{5}{-3} - \frac{-4}{7}\right)}{\left(\frac{-1}{-3} - \frac{7}{-5}\right) \cdot \left(\frac{-2}{-7} - \frac{4}{-5}\right)}$	$\frac{27025}{55328}$
$\frac{\left(\frac{-5}{6} + \frac{-5}{-6}\right) \cdot \left(\frac{-1}{-3} - \frac{-8}{5}\right)}{\left(\frac{1}{-8} + \frac{-7}{-4}\right) \cdot \left(\frac{-3}{8} + \frac{-5}{-4}\right)}$	$\frac{1856}{819}$
$\frac{\left(\frac{-4}{3} - \frac{-7}{-4}\right) \cdot \left(\frac{-2}{-3} + \frac{3}{8}\right)}{\left(\frac{-5}{-4} - \frac{-7}{4}\right) \cdot \left(\frac{-5}{6} - \frac{-4}{-7}\right)}$	$\frac{875}{1416}$