

Bruchrechnung

Lösungen:

1.

$$\frac{1}{3} + \frac{1}{363} = \frac{122}{363}$$

2.

$$\frac{1}{3} - \frac{1}{4} = \frac{1}{12}$$

3.

$$\frac{1}{4} - \frac{1}{5} = \frac{1}{20}$$

4.

$$\frac{1}{50} - \frac{1}{51} = \frac{1}{2550}$$

5.

$$\frac{12}{33} - \frac{10}{11} = -\frac{6}{11}$$

6.

$$\frac{2}{5} \cdot \frac{13}{20} - \frac{7}{8} = -\frac{123}{200}$$

7.

$$-\frac{2}{5} \cdot \left(\frac{-13}{20} - \frac{7}{-8} \right) = -\frac{9}{100}$$

8.

$$-\frac{2}{5} \cdot \left(\frac{13}{20} - \frac{7}{8} \right) = \frac{9}{100}$$

9.

$$\frac{4}{-5} \cdot \left(\frac{14}{15} - \frac{4}{3} \right) \cdot (-2) = -\frac{16}{25}$$

10.

$$\left(\frac{4}{-5} + 5 \right) \cdot \left(\frac{4}{5} + 6\frac{3}{75} \right) = \frac{3591}{125}$$

11.

$$\left(\frac{1}{5} + 5 \cdot \frac{12}{13} \right) \cdot \left(\frac{4}{7} + 6 + \frac{18}{19} \right) = \frac{62600}{1729}$$