
Übungen Bruchrechnen:

Fasse so weit wie möglich zusammen:

a) $\frac{3}{2} - \frac{1}{2} = \dots$

b) $\frac{1}{4} + \frac{1}{3} = \dots$

c) $\frac{5}{a} + \frac{2}{a} = \dots$

d) $\frac{3}{4} : \frac{1}{2} = \dots$

e) $\frac{2}{11} \cdot \left(\frac{3}{4} - \frac{1}{5}\right) = \dots$

Lösungen:

a) $\frac{3}{2} - \frac{1}{2} = \frac{3-1}{2} = \frac{2}{2} = 1$

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

c) $\frac{5}{a} + \frac{2}{a} = \frac{5+2}{a} = \frac{7}{a}$

d) $\frac{3}{4} : \frac{1}{2} = \frac{3}{4} \cdot \frac{2}{1} = \frac{3}{2}$

e) $\frac{2}{11} \cdot \left(\frac{3}{4} - \frac{1}{5}\right) = \frac{2}{11} \cdot \left(\frac{15}{20} - \frac{4}{20}\right) = \frac{2}{11} \cdot \frac{11}{20} = \frac{2}{20} = \frac{1}{10}$