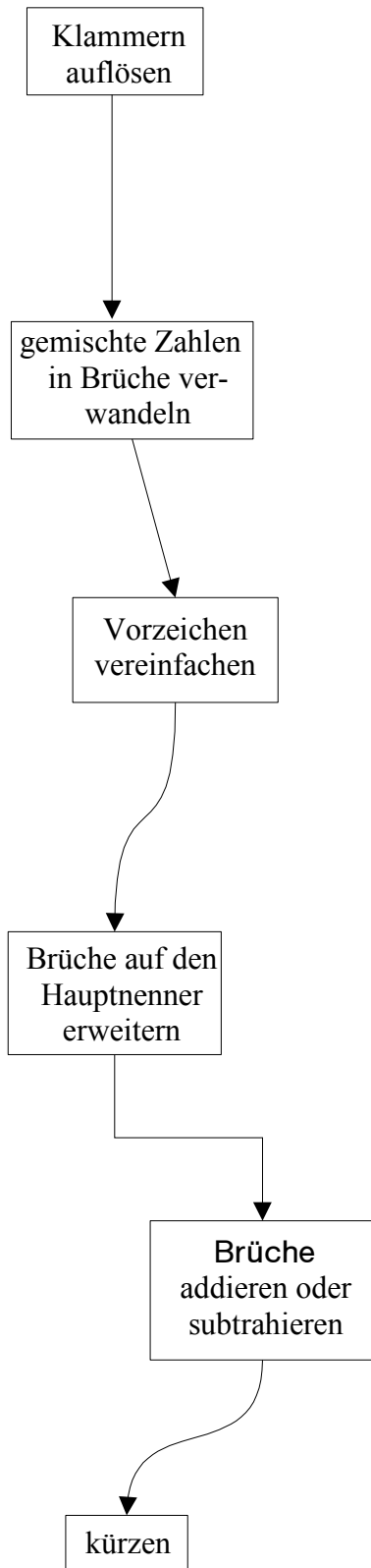


## Brüche addieren oder subtrahieren



$$-\frac{1}{-3} - \left(1\frac{1}{2} + \left(2\frac{1}{3} - \frac{3}{-4}\right)\right) = -\frac{1}{-3} - \left(1\frac{1}{2} + 2\frac{1}{3} - \frac{3}{-4}\right)$$
$$= -\frac{1}{-3} - 1\frac{1}{2} - 2\frac{1}{3} + \frac{3}{-4}$$

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

$$= \frac{1}{3} - \frac{3}{2} - \frac{7}{3} - \frac{3}{4}$$

$$\frac{1 \cdot 4}{3 \cdot 4} - \frac{3 \cdot 6}{2 \cdot 6} - \frac{7 \cdot 4}{3 \cdot 4} - \frac{3 \cdot 3}{4 \cdot 3} = \frac{4}{12} - \frac{18}{12} - \frac{28}{12} - \frac{9}{12}$$

$$\frac{4 - 18 - 28 - 9}{12} = -\frac{51}{12}$$

$$= -\frac{3 \cdot 17}{2 \cdot 2 \cdot 3} = -\frac{17}{6}$$