Brüche 5 (Lösung)

Addieren und Subtrahieren (ohne gemeinsamen Nenner)

1. Addieren

$$\frac{7}{36} + \frac{2}{12} = \frac{7}{36} + \frac{6}{36} = \frac{13}{36} \qquad \frac{18}{44} + \frac{4}{11} = \frac{18}{44} + \frac{16}{44} = \frac{34}{44} = \frac{17}{22}$$

$$\frac{35}{50} + \frac{2}{10} = \frac{35}{50} + \frac{10}{50} = \frac{45}{50} = \frac{9}{10} \qquad \frac{25}{36} + \frac{1}{9} = \frac{25}{36} + \frac{4}{36} = \frac{29}{36}$$

$$\frac{42}{56} + \frac{2}{8} = \frac{42}{56} + \frac{14}{56} = \frac{56}{56} = 1 \qquad \frac{20}{28} + \frac{2}{7} = \frac{20}{28} + \frac{8}{28} = \frac{28}{28} = 1$$

$$\frac{22}{36} + \frac{2}{6} = \frac{22}{36} + \frac{12}{36} = \frac{34}{36} = \frac{17}{18} \qquad \frac{12}{25} + \frac{2}{5} = \frac{12}{25} + \frac{10}{25} = \frac{22}{25}$$

2. Subtrahieren

$$\frac{7}{24} - \frac{2}{12} = \frac{7}{24} - \frac{4}{24} = \frac{3}{24} = \frac{1}{8} \qquad \frac{19}{33} - \frac{4}{11} = \frac{19}{33} - \frac{12}{33} = \frac{7}{33}$$

$$\frac{35}{60} - \frac{2}{10} = \frac{35}{60} - \frac{12}{60} = \frac{23}{60} e \qquad \frac{25}{45} - \frac{1}{9} = \frac{25}{45} - \frac{5}{45} = \frac{20}{45} = \frac{4}{9}$$

$$\frac{44}{64} - \frac{2}{8} = \frac{44}{64} - \frac{16}{64} = \frac{28}{64} = \frac{7}{16} \qquad \frac{22}{21} - \frac{2}{7} = \frac{22}{21} - \frac{6}{21} = \frac{16}{21}$$

$$\frac{35}{60} - \frac{2}{6} = \frac{35}{60} - \frac{20}{60} = \frac{15}{60} = \frac{1}{4} \qquad \frac{29}{55} - \frac{2}{5} = \frac{29}{55} - \frac{22}{55} = \frac{7}{55}$$