

Brüche 6

(Lösung)

Addieren und Subtrahieren (ohne gemeinsamen Nenner)

1. Addieren

$$\frac{1}{4} + \frac{2}{3} = \frac{3}{12} + \frac{8}{12} = \frac{11}{12} = \frac{11}{12}$$

$$\frac{1}{6} + \frac{4}{5} = \frac{5}{30} + \frac{24}{30} = \frac{29}{30} = \frac{29}{30}$$

$$\frac{1}{2} + \frac{4}{9} = \frac{9}{18} + \frac{8}{18} = \frac{17}{18} = \frac{17}{18}$$

$$\frac{2}{6} + \frac{2}{4} = \frac{8}{24} + \frac{12}{24} = \frac{20}{24} = \frac{5}{6}$$

2. Subtrahieren

$$\frac{1}{2} - \frac{4}{9} = \frac{9}{18} - \frac{8}{18} = \frac{1}{18} = \frac{1}{18}$$

$$\frac{2}{3} - \frac{3}{5} = \frac{10}{15} - \frac{9}{15} = \frac{1}{15} = \frac{1}{15}$$

$$\frac{5}{6} - \frac{2}{7} = \frac{35}{42} - \frac{12}{42} = \frac{23}{42} = \frac{23}{42}$$

$$\frac{7}{10} - \frac{4}{11} = \frac{77}{110} - \frac{40}{110} = \frac{37}{110}$$