

# Brüche 7

# (Lösung)

Addieren und Subtrahieren (ohne gemeinsamen Nenner)

## 1. Addieren

$$\frac{2}{6} + \frac{2}{7} = \frac{14}{42} + \frac{12}{42} = \frac{26}{42} = \frac{13}{21}$$

$$\frac{2}{8} + \frac{4}{9} = \frac{18}{72} + \frac{32}{72} = \frac{50}{72} = \frac{25}{36}$$

$$\frac{2}{8} + \frac{2}{3} = \frac{6}{24} + \frac{16}{24} = \frac{22}{24} = \frac{11}{12}$$

$$\frac{2}{5} + \frac{2}{7} = \frac{14}{35} + \frac{10}{35} = \frac{24}{35} = \frac{24}{35}$$

## 2. Subtrahieren

$$\frac{2}{4} - \frac{3}{9} = \frac{18}{36} - \frac{12}{36} = \frac{6}{36} = \frac{1}{6}$$

$$\frac{5}{6} - \frac{3}{5} = \frac{25}{30} - \frac{18}{30} = \frac{7}{30} = \frac{7}{30}$$

$$\frac{8}{9} - \frac{4}{7} = \frac{56}{63} - \frac{36}{63} = \frac{20}{63} = \frac{20}{63}$$

$$\frac{2}{3} - \frac{4}{8} = \frac{16}{24} - \frac{12}{24} = \frac{4}{24} = \frac{1}{6}$$