

# Brüche 2

## Erweitern und kürzen

# (Lösung)

### 1. Erweitere mit 5

$$\frac{2}{3} = \frac{10}{15} \quad \frac{7}{8} = \frac{35}{40} \quad \frac{12}{15} = \frac{60}{75} \quad \frac{3}{4} = \frac{15}{20} \quad \frac{21}{24} = \frac{105}{120}$$

$$\frac{2}{5} = \frac{10}{25} \quad \frac{4}{5} = \frac{20}{25} \quad \frac{13}{17} = \frac{65}{85} \quad \frac{3}{6} = \frac{15}{30} \quad \frac{23}{28} = \frac{115}{140}$$

$$\frac{2}{11} = \frac{10}{55} \quad \frac{7}{18} = \frac{35}{90} \quad \frac{14}{16} = \frac{70}{80} \quad \frac{3}{45} = \frac{15}{225} \quad \frac{31}{35} = \frac{155}{175}$$

### 2. Kürze mit 6

$$\frac{12}{18} = \frac{2}{3} \quad \frac{36}{54} = \frac{6}{9} \quad \frac{72}{96} = \frac{12}{16} \quad \frac{18}{54} = \frac{3}{9} \quad \frac{6}{24} = \frac{1}{4}$$

$$\frac{12}{30} = \frac{2}{5} \quad \frac{42}{54} = \frac{7}{9} \quad \frac{12}{24} = \frac{2}{4} \quad \frac{6}{12} = \frac{1}{2} \quad \frac{30}{48} = \frac{5}{8}$$

$$\frac{24}{60} = \frac{4}{10} \quad \frac{18}{72} = \frac{3}{12} \quad \frac{36}{120} = \frac{6}{20} \quad \frac{300}{600} = \frac{50}{100} \quad \frac{720}{1200} = \frac{120}{200}$$