

Brüche 1

(Lösung)

Erweitern und kürzen

1. Erweitere mit 4!

$$\frac{2}{3} = \frac{8}{12} \quad \frac{7}{8} = \frac{28}{32} \quad \frac{12}{15} = \frac{48}{60} \quad \frac{3}{4} = \frac{12}{16} \quad \frac{21}{24} = \frac{84}{96}$$

$$\frac{2}{5} = \frac{8}{20} \quad \frac{4}{5} = \frac{16}{20} \quad \frac{13}{17} = \frac{52}{68} \quad \frac{3}{6} = \frac{12}{24} \quad \frac{23}{28} = \frac{92}{112}$$

$$\frac{2}{11} = \frac{8}{44} \quad \frac{7}{18} = \frac{28}{72} \quad \frac{14}{16} = \frac{56}{64} \quad \frac{3}{45} = \frac{12}{180} \quad \frac{31}{35} = \frac{124}{140}$$

2. Kürze mit 3!

$$\frac{9}{12} = \frac{3}{4} \quad \frac{6}{9} = \frac{2}{3} \quad \frac{12}{15} = \frac{4}{5} \quad \frac{3}{9} = \frac{1}{3} \quad \frac{21}{24} = \frac{7}{8}$$

$$\frac{15}{21} = \frac{5}{7} \quad \frac{42}{51} = \frac{14}{17} \quad \frac{12}{18} = \frac{4}{6} \quad \frac{3}{6} = \frac{1}{2} \quad \frac{27}{30} = \frac{9}{10}$$

$$\frac{21}{30} = \frac{7}{10} \quad \frac{6}{18} = \frac{2}{6} \quad \frac{15}{24} = \frac{5}{8} \quad \frac{3}{45} = \frac{1}{15} \quad \frac{30}{33} = \frac{10}{11}$$