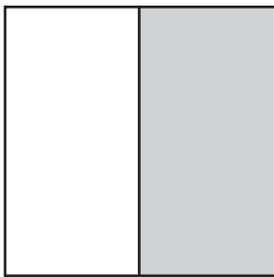
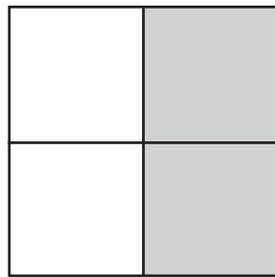


Erweitern von Brüchen

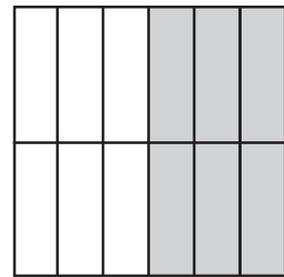
Erweitern: Es entstehen mehr Teile, dafür kleinere.
Die Gesamtgröße bleibt gleich.



$$\frac{1}{2}$$



$$\frac{2}{4}$$



$$\frac{6}{12}$$

Erweitere jeden Bruch mit den Zahlen 2, 5, 7 und 3.

$$\frac{4}{12} = \frac{8}{24} = \frac{20}{60} = \frac{28}{84} = \frac{12}{36}$$

$$\frac{1}{3} = \frac{2}{6} = \frac{5}{15} = \frac{7}{21} = \frac{3}{9}$$

$$\frac{25}{6} = \frac{50}{12} = \frac{125}{30} = \frac{175}{42} = \frac{75}{18}$$

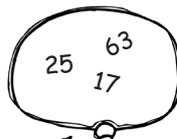
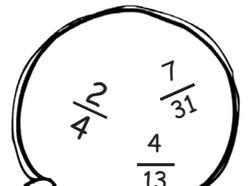
$$\frac{10}{17} = \frac{20}{34} = \frac{50}{85} = \frac{70}{119} = \frac{30}{51}$$

$$25 \frac{7}{25} = 25 \frac{14}{50} = 25 \frac{35}{125} = 25 \frac{49}{175} = 25 \frac{21}{75}$$

$$\frac{3}{8} = \frac{6}{16} = \frac{15}{40} = \frac{21}{56} = \frac{9}{24}$$

$$14 \frac{15}{4} = 14 \frac{30}{8} = 14 \frac{75}{20} = 14 \frac{105}{28} = 14 \frac{45}{12}$$

$$\frac{7}{12} = \frac{14}{24} = \frac{35}{60} = \frac{49}{84} = \frac{21}{36}$$



Trage die fehlenden Zähler ein.

$$\frac{4}{9} = \frac{16}{36} \quad \frac{5}{8} = \frac{25}{40} \quad \frac{7}{31} = \frac{21}{93} \quad \frac{5}{6} = \frac{30}{36} \quad \frac{4}{13} = \frac{16}{52} \quad \frac{3}{21} = \frac{9}{63} \quad \frac{6}{17} = \frac{12}{34}$$

$$\frac{2}{3} = \frac{22}{33} \quad \frac{7}{9} = \frac{70}{90} \quad \frac{2}{16} = \frac{4}{32} \quad \frac{6}{10} = \frac{120}{200} \quad \frac{8}{9} = \frac{64}{72} \quad \frac{1}{2} = \frac{111}{222} \quad \frac{2}{12} = \frac{24}{144}$$

