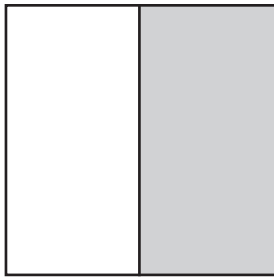
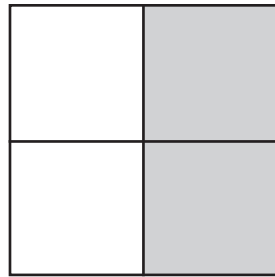


## Erweitern von Brüchen

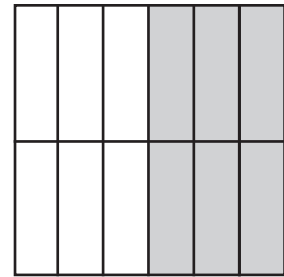
Erweitern: Es entstehen mehr Teile, dafür kleinere.  
Die Gesamtgröße bleibt gleich.



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



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



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

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

$$\frac{4}{12} = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$$

$$\frac{1}{3} = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$$

$$\frac{25}{6} = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$$

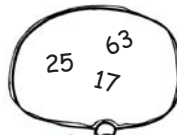
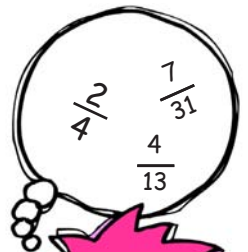
$$\frac{10}{17} = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$$

$$25 \frac{7}{25} = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$$

$$\frac{3}{8} = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$$

$$14 \frac{15}{4} = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$$

$$\frac{7}{12} = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$$



Trage die fehlenden Zähler ein.



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

$$\frac{2}{3} = \frac{\quad}{33} \quad \frac{9}{9} = \frac{\quad}{90} \quad \frac{2}{16} = \frac{\quad}{32} \quad \frac{6}{10} = \frac{\quad}{200} \quad \frac{8}{9} = \frac{\quad}{72} \quad \frac{1}{2} = \frac{\quad}{222} \quad \frac{2}{12} = \frac{\quad}{144}$$

