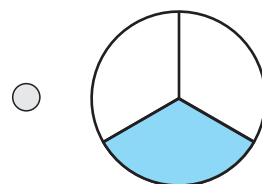
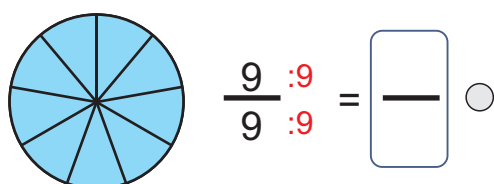
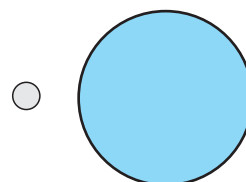
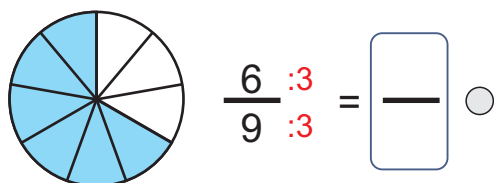
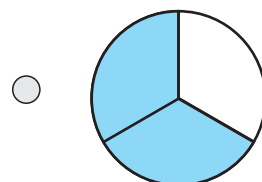
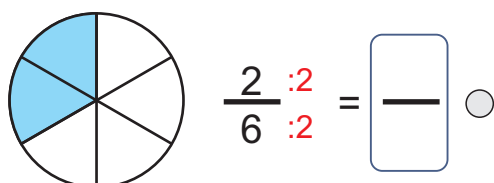
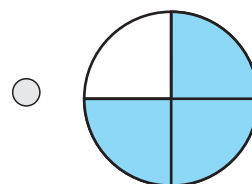
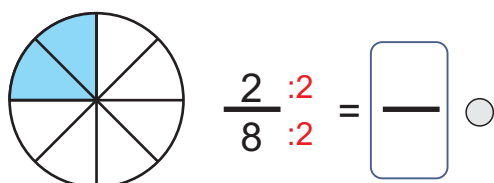
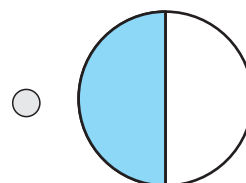
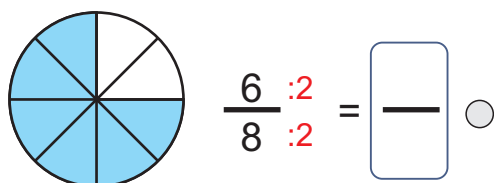
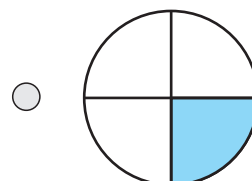
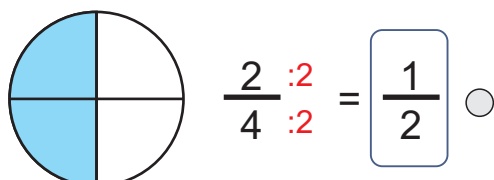




Brüche kürzen



Kürze die folgenden Brüche mit den vorgegebenen Zahlen und verbinde die Paare mit einer Linie.



Brüche kürzen



Kürze die folgenden Brüche mit den vorgegebenen Zahlen:

$$\frac{4}{6} \begin{array}{l} :2 \\ :2 \end{array} = \boxed{\quad}$$

$$\frac{3}{12} \begin{array}{l} :3 \\ :3 \end{array} = \boxed{\quad}$$

$$\frac{6}{18} \begin{array}{l} :6 \\ :6 \end{array} = \boxed{\quad}$$

$$\frac{3}{9} \begin{array}{l} :3 \\ :3 \end{array} = \boxed{\quad}$$

$$\frac{5}{10} \begin{array}{l} :5 \\ :5 \end{array} = \boxed{\quad}$$

$$\frac{5}{20} \begin{array}{l} :5 \\ :5 \end{array} = \boxed{\quad}$$

$$\frac{2}{8} \begin{array}{l} :2 \\ :2 \end{array} = \boxed{\quad}$$

$$\frac{3}{15} \begin{array}{l} :3 \\ :3 \end{array} = \boxed{\quad}$$

$$\frac{8}{12} \begin{array}{l} :4 \\ :4 \end{array} = \boxed{\quad}$$

Bestimme die Zahl, mit der gekürzt wurde:

$$\frac{6}{12} \boxed{\quad} = \frac{1}{2}$$

$$\frac{6}{9} \boxed{\quad} = \frac{2}{3}$$

$$\frac{12}{16} \boxed{\quad} = \frac{3}{4}$$

$$\frac{8}{14} \boxed{\quad} = \frac{4}{7}$$

$$\frac{4}{10} \boxed{\quad} = \frac{2}{5}$$

$$\frac{10}{25} \boxed{\quad} = \frac{2}{5}$$

$$\frac{10}{15} \boxed{\quad} = \frac{2}{3}$$

$$\frac{5}{25} \boxed{\quad} = \frac{1}{5}$$

$$\frac{15}{25} \boxed{\quad} = \frac{3}{5}$$

$$\frac{9}{12} \boxed{\quad} = \frac{3}{4}$$

$$\frac{8}{10} \boxed{\quad} = \frac{4}{5}$$

$$\frac{18}{27} \boxed{\quad} = \frac{2}{3}$$

Brüche kürzen



Kürze folgende Brüche:

$$\frac{2}{6} \begin{smallmatrix} :2 \\ :2 \end{smallmatrix} = \boxed{\quad}$$

$$\frac{6}{8} \begin{smallmatrix} :2 \\ :2 \end{smallmatrix} = \boxed{\quad}$$

$$\frac{3}{9} \begin{smallmatrix} :3 \\ :3 \end{smallmatrix} = \boxed{\quad}$$

$$\frac{9}{12} = \boxed{\quad}$$

$$\frac{6}{18} = \boxed{\quad}$$

$$\frac{4}{24} = \boxed{\quad}$$

$$\frac{6}{36} = \boxed{\quad}$$

$$\frac{12}{24} = \boxed{\quad}$$

$$\frac{8}{18} = \boxed{\quad}$$

$$\frac{7}{28} = \boxed{\quad}$$

$$\frac{3}{27} = \boxed{\quad}$$

$$\frac{5}{30} = \boxed{\quad}$$

$$\frac{8}{32} = \boxed{\quad}$$

$$\frac{7}{49} = \boxed{\quad}$$

$$\frac{14}{18} = \boxed{\quad}$$

$$\frac{12}{20} = \boxed{\quad}$$

$$\frac{10}{35} = \boxed{\quad}$$

$$\frac{18}{24} = \boxed{\quad}$$

$$\frac{12}{21} = \boxed{\quad}$$

$$\frac{25}{30} = \boxed{\quad}$$

$$\frac{2}{22} = \boxed{\quad}$$

Brüche kürzen



Kürze die folgenden Brüche so weit wie möglich!

Hinweis: Um so weit wie möglich zu kürzen, musst du den größten gemeinsamen Teiler (ggT) von Zähler und Nenner eines Bruchs finden. Der ggT ist die größte Zahl, mit der du einen Bruch kürzen kannst.

$$\frac{18}{21} \begin{smallmatrix} :3 \\ :3 \end{smallmatrix} = \boxed{\quad}$$

$$\frac{25}{45} = \boxed{\quad}$$

$$\frac{6}{33} = \boxed{\quad}$$

$$\frac{32}{56} = \boxed{\quad}$$

$$\frac{20}{45} = \boxed{\quad}$$

$$\frac{18}{48} = \boxed{\quad}$$

$$\frac{18}{45} = \boxed{\quad}$$

$$\frac{21}{49} = \boxed{\quad}$$

$$\frac{24}{32} = \boxed{\quad}$$

$$\frac{24}{36} = \boxed{\quad}$$

$$\frac{20}{100} = \boxed{\quad}$$

$$\frac{30}{45} = \boxed{\quad}$$

$$\frac{16}{56} = \boxed{\quad}$$

$$\frac{42}{63} = \boxed{\quad}$$

$$\frac{30}{48} = \boxed{\quad}$$

$$\frac{20}{30} = \boxed{\quad}$$

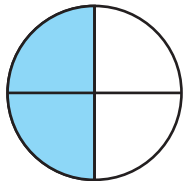
$$\frac{55}{66} = \boxed{\quad}$$

$$\frac{72}{81} = \boxed{\quad}$$

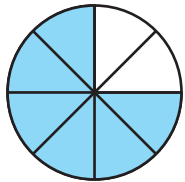
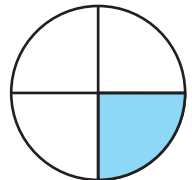
Brüche kürzen



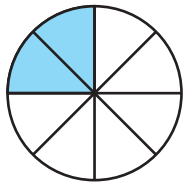
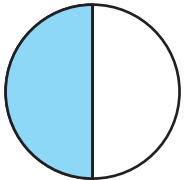
Kürze die folgenden Brüche mit den vorgegebenen Zahlen und verbinde die Paare mit einer Linie.



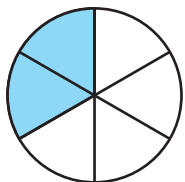
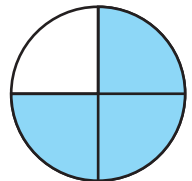
$$\frac{2}{4} \begin{smallmatrix} :2 \\ :2 \end{smallmatrix} = \frac{1}{2}$$



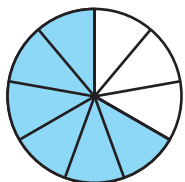
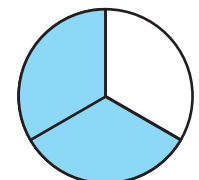
$$\frac{6}{8} \begin{smallmatrix} :2 \\ :2 \end{smallmatrix} = \frac{3}{4}$$



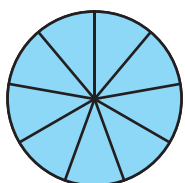
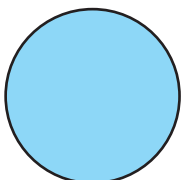
$$\frac{2}{8} \begin{smallmatrix} :2 \\ :2 \end{smallmatrix} = \frac{1}{4}$$



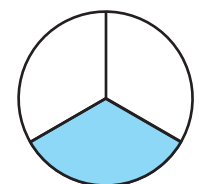
$$\frac{2}{6} \begin{smallmatrix} :2 \\ :2 \end{smallmatrix} = \frac{1}{3}$$



$$\frac{6}{9} \begin{smallmatrix} :3 \\ :3 \end{smallmatrix} = \frac{2}{3}$$



$$\frac{9}{9} \begin{smallmatrix} :9 \\ :9 \end{smallmatrix} = \frac{1}{1}$$



Lösungen

Brüche kürzen



Kürze die folgenden Brüche mit den vorgegebenen Zahlen:

$$\frac{4}{6} \begin{array}{l} :2 \\ :2 \end{array} = \frac{2}{3}$$

$$\frac{3}{12} \begin{array}{l} :3 \\ :3 \end{array} = \frac{1}{4}$$

$$\frac{6}{18} \begin{array}{l} :6 \\ :6 \end{array} = \frac{1}{3}$$

$$\frac{3}{9} \begin{array}{l} :3 \\ :3 \end{array} = \frac{1}{3}$$

$$\frac{5}{10} \begin{array}{l} :5 \\ :5 \end{array} = \frac{1}{2}$$

$$\frac{5}{20} \begin{array}{l} :5 \\ :5 \end{array} = \frac{1}{4}$$

$$\frac{2}{8} \begin{array}{l} :2 \\ :2 \end{array} = \frac{1}{4}$$

$$\frac{3}{15} \begin{array}{l} :3 \\ :3 \end{array} = \frac{1}{5}$$

$$\frac{8}{12} \begin{array}{l} :4 \\ :4 \end{array} = \frac{2}{3}$$

Bestimme die Zahl, mit der gekürzt wurde:

$$\frac{6}{12} \begin{array}{l} :6 \\ :6 \end{array} = \frac{1}{2}$$

$$\frac{6}{9} \begin{array}{l} :3 \\ :3 \end{array} = \frac{2}{3}$$

$$\frac{12}{16} \begin{array}{l} :4 \\ :4 \end{array} = \frac{3}{4}$$

$$\frac{8}{14} \begin{array}{l} :2 \\ :2 \end{array} = \frac{4}{7}$$

$$\frac{4}{10} \begin{array}{l} :2 \\ :2 \end{array} = \frac{2}{5}$$

$$\frac{10}{25} \begin{array}{l} :5 \\ :5 \end{array} = \frac{2}{5}$$

$$\frac{10}{15} \begin{array}{l} :5 \\ :5 \end{array} = \frac{2}{3}$$

$$\frac{5}{25} \begin{array}{l} :5 \\ :5 \end{array} = \frac{1}{5}$$

$$\frac{15}{25} \begin{array}{l} :5 \\ :5 \end{array} = \frac{3}{5}$$

$$\frac{9}{12} \begin{array}{l} :3 \\ :3 \end{array} = \frac{3}{4}$$

$$\frac{8}{10} \begin{array}{l} :2 \\ :2 \end{array} = \frac{4}{5}$$

$$\frac{18}{27} \begin{array}{l} :9 \\ :9 \end{array} = \frac{2}{3}$$

Lösungen

Brüche kürzen



Kürze folgende Brüche:

$$\frac{2}{6} \begin{smallmatrix} :2 \\ :2 \end{smallmatrix} = \boxed{\frac{1}{3}}$$

$$\frac{6}{8} \begin{smallmatrix} :2 \\ :2 \end{smallmatrix} = \boxed{\frac{3}{4}}$$

$$\frac{3}{9} \begin{smallmatrix} :3 \\ :3 \end{smallmatrix} = \boxed{\frac{1}{3}}$$

$$\frac{9}{12} \begin{smallmatrix} :3 \\ :3 \end{smallmatrix} = \boxed{\frac{3}{4}}$$

$$\frac{6}{18} \begin{smallmatrix} :6 \\ :6 \end{smallmatrix} = \boxed{\frac{1}{3}}$$

$$\frac{4}{24} \begin{smallmatrix} :4 \\ :4 \end{smallmatrix} = \boxed{\frac{1}{6}}$$

$$\frac{6}{36} \begin{smallmatrix} :6 \\ :6 \end{smallmatrix} = \boxed{\frac{1}{6}}$$

$$\frac{12}{24} \begin{smallmatrix} :12 \\ :12 \end{smallmatrix} = \boxed{\frac{1}{2}}$$

$$\frac{8}{18} \begin{smallmatrix} :2 \\ :2 \end{smallmatrix} = \boxed{\frac{4}{9}}$$

$$\frac{7}{28} \begin{smallmatrix} :7 \\ :7 \end{smallmatrix} = \boxed{\frac{1}{4}}$$

$$\frac{3}{27} \begin{smallmatrix} :3 \\ :3 \end{smallmatrix} = \boxed{\frac{1}{9}}$$

$$\frac{5}{30} \begin{smallmatrix} :5 \\ :5 \end{smallmatrix} = \boxed{\frac{1}{6}}$$

$$\frac{8}{32} \begin{smallmatrix} :8 \\ :8 \end{smallmatrix} = \boxed{\frac{1}{4}}$$

$$\frac{7}{49} \begin{smallmatrix} :7 \\ :7 \end{smallmatrix} = \boxed{\frac{1}{7}}$$

$$\frac{14}{18} \begin{smallmatrix} :2 \\ :2 \end{smallmatrix} = \boxed{\frac{7}{9}}$$

$$\frac{12}{20} \begin{smallmatrix} :4 \\ :4 \end{smallmatrix} = \boxed{\frac{3}{5}}$$

$$\frac{10}{35} \begin{smallmatrix} :5 \\ :5 \end{smallmatrix} = \boxed{\frac{2}{7}}$$

$$\frac{18}{24} \begin{smallmatrix} :6 \\ :6 \end{smallmatrix} = \boxed{\frac{3}{4}}$$

$$\frac{12}{21} \begin{smallmatrix} :3 \\ :3 \end{smallmatrix} = \boxed{\frac{4}{7}}$$

$$\frac{25}{30} \begin{smallmatrix} :5 \\ :5 \end{smallmatrix} = \boxed{\frac{5}{6}}$$

$$\frac{2}{22} \begin{smallmatrix} :2 \\ :2 \end{smallmatrix} = \boxed{\frac{1}{11}}$$

Lösungen

Brüche kürzen



Kürze die folgenden Brüche so weit wie möglich!

Hinweis: Um so weit wie möglich zu kürzen, musst du den größten gemeinsamen Teiler (ggT) von Zähler und Nenner eines Bruchs finden. Der ggT ist die größte Zahl, mit der du einen Bruch kürzen kannst.

$$\frac{18}{21} \begin{smallmatrix} :3 \\ :3 \end{smallmatrix} = \frac{6}{7}$$

$$\frac{25}{45} \begin{smallmatrix} :5 \\ :5 \end{smallmatrix} = \frac{5}{9}$$

$$\frac{6}{33} \begin{smallmatrix} :3 \\ :3 \end{smallmatrix} = \frac{2}{11}$$

$$\frac{32}{56} \begin{smallmatrix} :8 \\ :8 \end{smallmatrix} = \frac{4}{7}$$

$$\frac{20}{45} \begin{smallmatrix} :5 \\ :5 \end{smallmatrix} = \frac{4}{9}$$

$$\frac{18}{48} \begin{smallmatrix} :6 \\ :6 \end{smallmatrix} = \frac{3}{8}$$

$$\frac{18}{45} \begin{smallmatrix} :9 \\ :9 \end{smallmatrix} = \frac{2}{5}$$

$$\frac{21}{49} \begin{smallmatrix} :7 \\ :7 \end{smallmatrix} = \frac{3}{7}$$

$$\frac{24}{32} \begin{smallmatrix} :8 \\ :8 \end{smallmatrix} = \frac{3}{4}$$

$$\frac{24}{36} \begin{smallmatrix} :12 \\ :12 \end{smallmatrix} = \frac{2}{3}$$

$$\frac{20}{100} \begin{smallmatrix} :20 \\ :20 \end{smallmatrix} = \frac{1}{5}$$

$$\frac{30}{45} \begin{smallmatrix} :15 \\ :15 \end{smallmatrix} = \frac{2}{3}$$

$$\frac{16}{56} \begin{smallmatrix} :8 \\ :8 \end{smallmatrix} = \frac{2}{7}$$

$$\frac{42}{63} \begin{smallmatrix} :7 \\ :7 \end{smallmatrix} = \frac{6}{9}$$

$$\frac{30}{48} \begin{smallmatrix} :6 \\ :6 \end{smallmatrix} = \frac{5}{8}$$

$$\frac{20}{30} \begin{smallmatrix} :10 \\ :10 \end{smallmatrix} = \frac{2}{3}$$

$$\frac{55}{66} \begin{smallmatrix} :11 \\ :11 \end{smallmatrix} = \frac{5}{6}$$

$$\frac{72}{81} \begin{smallmatrix} :9 \\ :9 \end{smallmatrix} = \frac{8}{9}$$