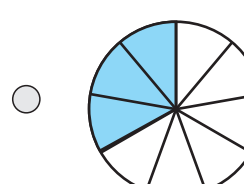
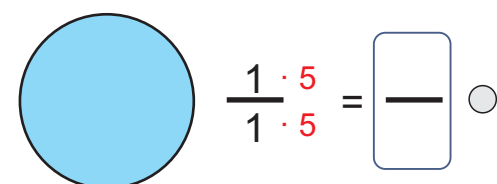
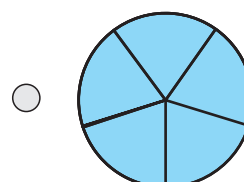
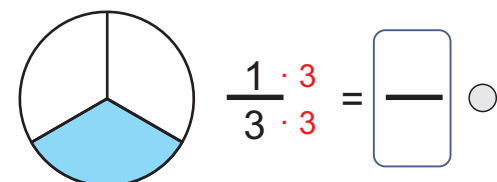
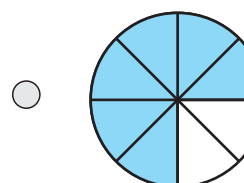
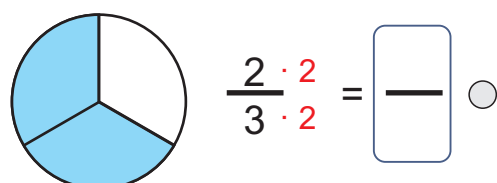
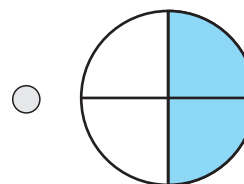
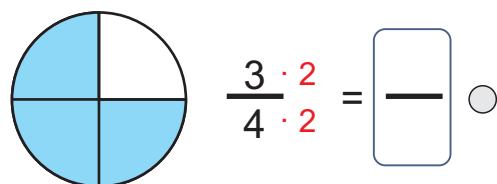
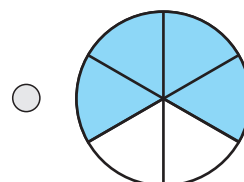
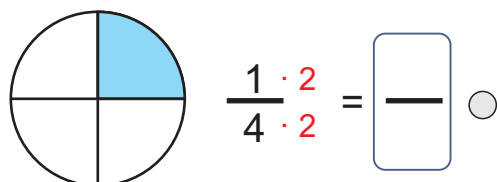
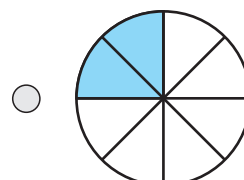
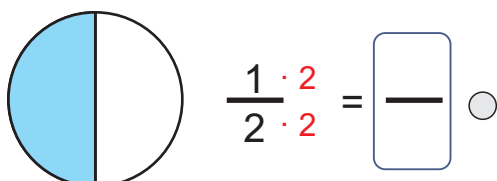




Brüche erweitern



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



Brüche erweitern



Erweitere die folgenden Brüche mit den vorgegebenen Zahlen.

$$\frac{1 \cdot 2}{2 \cdot 2} = \frac{\boxed{}}{}$$

$$\frac{2 \cdot 3}{3 \cdot 3} = \frac{\boxed{}}{}$$

$$\frac{1 \cdot 2}{3 \cdot 2} = \frac{\boxed{}}{}$$

$$\frac{1 \cdot 5}{6 \cdot 5} = \frac{\boxed{}}{}$$

$$\frac{3 \cdot 2}{4 \cdot 2} = \frac{\boxed{}}{}$$

$$\frac{2 \cdot 3}{5 \cdot 3} = \frac{\boxed{}}{}$$

$$\frac{1 \cdot 7}{4 \cdot 7} = \frac{\boxed{}}{}$$

$$\frac{5 \cdot 3}{6 \cdot 3} = \frac{\boxed{}}{}$$

$$\frac{1 \cdot 5}{5 \cdot 5} = \frac{\boxed{}}{}$$

Bestimme die Erweiterungszahl für die folgenden Brüche.

$$\frac{1}{4} \boxed{} = \frac{5}{20}$$

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

$$\frac{2}{3} \boxed{} = \frac{12}{18}$$

$$\frac{3}{7} \boxed{} = \frac{12}{28}$$

$$\frac{2}{9} \boxed{} = \frac{14}{63}$$

$$\frac{5}{6} \boxed{} = \frac{50}{60}$$

$$\frac{3}{8} \boxed{} = \frac{21}{56}$$

$$\frac{3}{10} \boxed{} = \frac{18}{60}$$

$$\frac{7}{9} \boxed{} = \frac{28}{36}$$

$$\frac{2}{11} \boxed{} = \frac{6}{33}$$

$$\frac{2}{7} \boxed{} = \frac{18}{63}$$

$$\frac{7}{8} \boxed{} = \frac{35}{45}$$

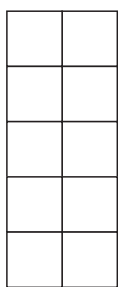
Brüche erweitern



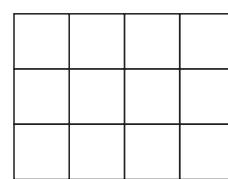
Färbe die Flächen entsprechend dem Wert des Bruches ein.

Hinweis: Du musst zuerst die Brüche erweitern, um jeden Nenner auf die richtige Anzahl von Feldern zu bringen.

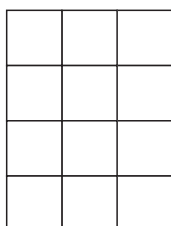
$$\frac{1}{5} \cdot \frac{2}{2} = \frac{2}{10}$$



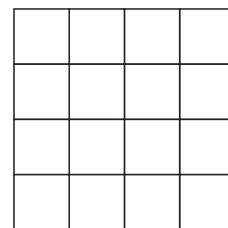
$$\frac{1}{3} = \frac{\quad}{\quad}$$



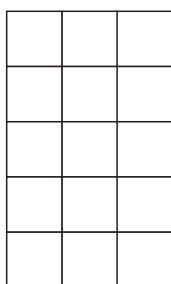
$$\frac{3}{4} = \frac{\quad}{\quad}$$



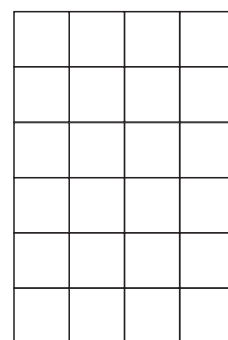
$$\frac{3}{4} = \frac{\quad}{\quad}$$



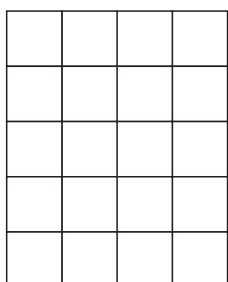
$$\frac{2}{3} = \frac{\quad}{\quad}$$



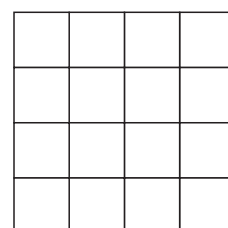
$$\frac{1}{3} = \frac{\quad}{\quad}$$



$$\frac{2}{5} = \frac{\quad}{\quad}$$



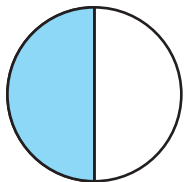
$$\frac{1}{4} = \frac{\quad}{\quad}$$



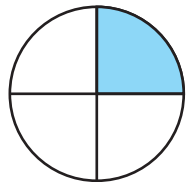
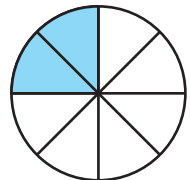
Brüche erweitern



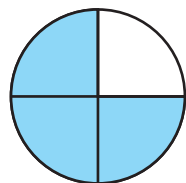
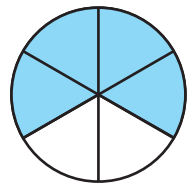
Erweitere die folgenden Brüche mit den vorgegebenen Zahlen und verbinde die Paare mit einer Linie.



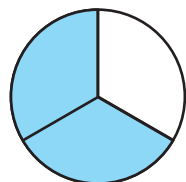
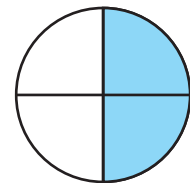
$$\frac{1}{2} \cdot \frac{2}{2} = \frac{2}{4}$$



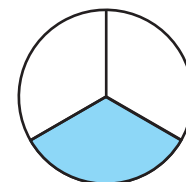
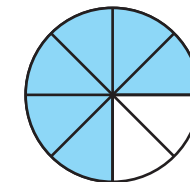
$$\frac{1}{4} \cdot \frac{2}{2} = \frac{2}{8}$$



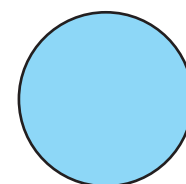
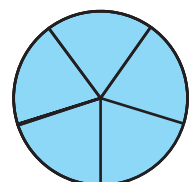
$$\frac{3}{4} \cdot \frac{2}{2} = \frac{6}{8}$$



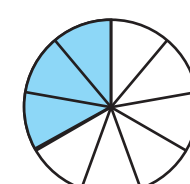
$$\frac{2}{3} \cdot \frac{2}{2} = \frac{4}{6}$$



$$\frac{1}{3} \cdot \frac{3}{3} = \frac{3}{9}$$



$$\frac{1}{1} \cdot \frac{5}{5} = \frac{5}{5}$$



Brüche erweitern



Erweitere die folgenden Brüche mit den vorgegebenen Zahlen.

$$\frac{1 \cdot 2}{2 \cdot 2} = \frac{2}{3}$$

$$\frac{2 \cdot 3}{3 \cdot 3} = \frac{1}{4}$$

$$\frac{1 \cdot 2}{3 \cdot 2} = \frac{1}{3}$$

$$\frac{1 \cdot 5}{6 \cdot 5} = \frac{1}{3}$$

$$\frac{3 \cdot 2}{4 \cdot 2} = \frac{1}{2}$$

$$\frac{2 \cdot 3}{5 \cdot 3} = \frac{1}{4}$$

$$\frac{1 \cdot 7}{4 \cdot 7} = \frac{1}{4}$$

$$\frac{5 \cdot 3}{6 \cdot 3} = \frac{1}{5}$$

$$\frac{1 \cdot 5}{5 \cdot 5} = \frac{2}{3}$$

Bestimme die Erweiterungszahl für die folgenden Brüche.

$$\frac{1}{4} \cdot \frac{5}{5} = \frac{5}{20}$$

$$\frac{3}{4} \cdot \frac{3}{3} = \frac{9}{12}$$

$$\frac{2}{3} \cdot \frac{6}{6} = \frac{12}{18}$$

$$\frac{3}{7} \cdot \frac{4}{4} = \frac{12}{28}$$

$$\frac{2}{9} \cdot \frac{7}{7} = \frac{14}{63}$$

$$\frac{5}{6} \cdot \frac{10}{10} = \frac{50}{60}$$

$$\frac{3}{8} \cdot \frac{7}{7} = \frac{21}{56}$$

$$\frac{3}{10} \cdot \frac{6}{6} = \frac{18}{60}$$

$$\frac{7}{9} \cdot \frac{4}{4} = \frac{28}{36}$$

$$\frac{2}{11} \cdot \frac{3}{3} = \frac{6}{33}$$

$$\frac{2}{7} \cdot \frac{9}{9} = \frac{18}{63}$$

$$\frac{7}{8} \cdot \frac{5}{5} = \frac{35}{40}$$

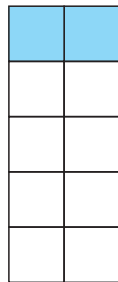
Brüche erweitern



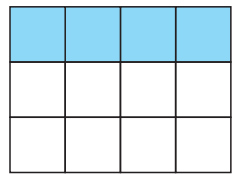
Färbe die Flächen entsprechend dem Wert des Bruches ein.

Hinweis: Du musst zuerst die Brüche erweitern, um jeden Nenner auf die richtige Anzahl von Feldern zu bringen.

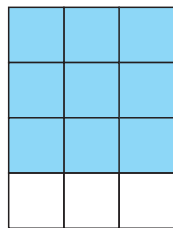
$$\frac{1}{5} \cdot \frac{2}{2} = \frac{2}{10}$$



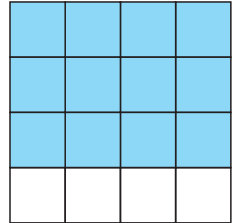
$$\frac{1}{3} \cdot \frac{4}{4} = \frac{4}{12}$$



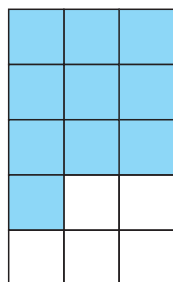
$$\frac{3}{4} \cdot \frac{3}{3} = \frac{9}{12}$$



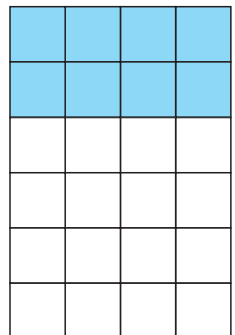
$$\frac{3}{4} \cdot \frac{4}{4} = \frac{12}{16}$$



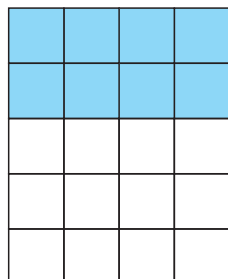
$$\frac{2}{3} \cdot \frac{5}{5} = \frac{10}{15}$$



$$\frac{1}{3} \cdot \frac{8}{8} = \frac{8}{24}$$



$$\frac{2}{5} \cdot \frac{4}{4} = \frac{8}{20}$$



$$\frac{1}{4} \cdot \frac{4}{4} = \frac{4}{16}$$

