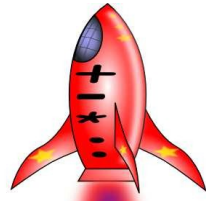




Übung Turborechnen



Turborechnen-Mission: Brüche multiplizieren und dividieren

Name: _____ Datum: _____

Bei allen ... bitte das Ergebnis als Zahl (evtl. mit Komma) angeben. Beispiel: $\frac{3}{4} \cdot 2 = 1,75$

$\frac{1}{2} \cdot 18 = \dots$ $\frac{1}{2} \cdot 6 = \dots$ $\frac{1}{2} \cdot 16 = \dots$ $\frac{1}{2} \cdot 6 = \dots$ $\frac{1}{2} \cdot 18 = \dots$ $\frac{1}{2} \cdot 4 = \dots$ $\frac{1}{2} \cdot 2 = \dots$ $\frac{1}{2} \cdot 8 = \dots$

$\frac{1}{2} \cdot 10 = \dots$ $\frac{1}{2} \cdot 4 = \dots$ $\frac{1}{4} \cdot 8 = \dots$ $\frac{1}{4} \cdot 12 = \dots$ $\frac{1}{4} \cdot 8 = \dots$ $\frac{1}{4} \cdot 24 = \dots$ $\frac{1}{4} \cdot 20 = \dots$ $\frac{1}{4} \cdot 36 = \dots$

$\frac{1}{4} \cdot 4 = \dots$ $\frac{1}{4} \cdot 12 = \dots$ $\frac{1}{4} \cdot 6 = \dots$ $\frac{1}{4} \cdot 8 = \dots$ $\frac{1}{3} \cdot 15 = \dots$ $\frac{1}{3} \cdot 27 = \dots$ $\frac{1}{3} \cdot 9 = \dots$

$\frac{1}{3} \cdot 27 = \dots$ $\frac{1}{3} \cdot 3 = \dots$ $\frac{1}{3} \cdot 21 = \dots$ $\frac{1}{3} \cdot 18 = \dots$ $\frac{1}{3} \cdot 24 = \dots$ $\frac{1}{3} \cdot 21 = \dots$ $\frac{1}{3} \cdot 9 = \dots$

$\frac{2}{3} \cdot 3 = \dots$ $\frac{2}{3} \cdot 9 = \dots$ $\frac{2}{3} \cdot 27 = \dots$ $\frac{2}{3} \cdot 3 = \dots$ $\frac{2}{3} \cdot 24 = \dots$ $\frac{2}{3} \cdot 9 = \dots$ $\frac{2}{3} \cdot 18 = \dots$

$\frac{2}{3} \cdot 24 = \dots$ $\frac{2}{3} \cdot 3 = \dots$ $\frac{2}{3} \cdot 24 = \dots$ $\frac{3}{4} \cdot 8 = \dots$ $\frac{3}{4} \cdot 28 = \dots$ $\frac{3}{4} \cdot 24 = \dots$ $\frac{3}{4} \cdot 32 = \dots$

$\frac{3}{4} \cdot 28 = \dots$ $\frac{3}{4} \cdot 32 = \dots$ $\frac{3}{4} \cdot 8 = \dots$ $\frac{3}{4} \cdot 20 = \dots$ $\frac{3}{4} \cdot 24 = \dots$ $\frac{3}{4} \cdot 28 = \dots$ $\frac{1}{8} \cdot 28 = \dots$

$\frac{1}{8} \cdot 16 = \dots$ $\frac{1}{8} \cdot 20 = \dots$ $\frac{1}{8} \cdot 16 = \dots$ $\frac{1}{8} \cdot 28 = \dots$ $\frac{1}{8} \cdot 36 = \dots$ $\frac{1}{8} \cdot 16 = \dots$ $\frac{1}{8} \cdot 8 = \dots$

$\frac{1}{8} \cdot 20 = \dots$ $\frac{1}{8} \cdot 16 = \dots$ $\frac{1}{8} \cdot 48 = \dots$ $\frac{5}{8} \cdot 64 = \dots$ $\frac{7}{8} \cdot 48 = \dots$ $\frac{1}{8} \cdot 56 = \dots$ $\frac{5}{8} \cdot 16 = \dots$

$\frac{7}{8} \cdot 48 = \dots$ $\frac{1}{8} \cdot 16 = \dots$ $\frac{5}{8} \cdot 72 = \dots$ $\frac{7}{8} \cdot 56 = \dots$ $\frac{1}{8} \cdot 8 = \dots$ $\frac{1}{2} \cdot \frac{3}{4} \cdot 48 = \dots$

$\frac{1}{2} \cdot \frac{3}{4} \cdot 72 = \dots$ $\frac{1}{2} \cdot \frac{3}{4} \cdot 64 = \dots$ $\frac{1}{2} \cdot \frac{3}{4} \cdot 32 = \dots$ $\frac{1}{3} \cdot \frac{2}{3} \cdot 45 = \dots$ $\frac{1}{3} \cdot \frac{2}{3} \cdot 72 = \dots$

$\frac{1}{3} \cdot \frac{2}{3} \cdot 54 = \dots$ $\frac{1}{3} \cdot \frac{2}{3} \cdot 81 = \dots$ $\frac{2}{3} \cdot \frac{2}{3} \cdot 36 = \dots$ $\frac{2}{3} \cdot \frac{2}{3} \cdot 54 = \dots$ $\frac{1}{2} \cdot \frac{3}{4} \cdot 40 = \dots$

$\frac{1}{2} \cdot \frac{3}{4} \cdot 48 = \dots$ $\frac{1}{2} \cdot \frac{3}{4} \cdot 24 = \dots$ $\frac{1}{2} \cdot \frac{3}{4} \cdot 80 = \dots$ $\frac{1}{3} \cdot \frac{2}{3} \cdot 45 = \dots$ $\frac{1}{3} \cdot \frac{2}{3} \cdot 63 = \dots$

$\frac{1}{3} \cdot \frac{2}{3} \cdot 81 = \dots$ $\frac{1}{3} \cdot \frac{2}{3} \cdot 72 = \dots$ $\frac{2}{3} \cdot \frac{2}{3} \cdot 54 = \dots$ $\frac{2}{3} \cdot \frac{2}{3} \cdot 72 = \dots$



$\frac{1}{3} \cdot 36 \cdot \frac{2}{3} = \dots$ $\frac{1}{3} \cdot 27 \cdot \frac{2}{3} = \dots$ $\frac{1}{3} \cdot 81 \cdot \frac{2}{3} = \dots$ $\frac{1}{3} \cdot 90 \cdot \frac{2}{3} = \dots$ $40 \cdot \frac{3}{4} \cdot \frac{1}{2} = \dots$

$56 \cdot \frac{3}{4} \cdot \frac{1}{2} = \dots$ $72 \cdot \frac{3}{4} \cdot \frac{1}{2} = \dots$ $56 \cdot \frac{3}{4} \cdot \frac{1}{2} = \dots$ $\frac{2}{3} \cdot \frac{3}{4} \cdot 72 = \dots$ $\frac{2}{3} \cdot \frac{3}{4} \cdot 96 = \dots$

$\frac{1}{3} \cdot 9 + \frac{1}{3} \cdot 3 = \dots$ $\frac{1}{3} \cdot 8 + \frac{1}{3} \cdot 10 = \dots$ $\frac{1}{3} \cdot 8 + \frac{1}{3} \cdot 4 = \dots$ $\frac{1}{3} \cdot 4 + \frac{1}{3} \cdot 20 = \dots$ $\frac{3}{4} \cdot 48 + \frac{3}{4} \cdot 40 = \dots$

$\frac{2}{3} \cdot 6 + \frac{2}{3} \cdot 6 = \dots$ $\frac{2}{3} \cdot 4 + \frac{2}{3} \cdot 14 = \dots$ $\frac{2}{3} \cdot 6 + \frac{2}{3} \cdot 21 = \dots$ $\frac{2}{3} \cdot 9 + \frac{2}{3} \cdot 12 = \dots$ $\frac{3}{4} \cdot 7 + \frac{3}{4} \cdot 57 = \dots$

$4 : \frac{1}{3} = \dots$ $6 : \frac{1}{3} = \dots$ $9 : \frac{1}{3} = \dots$ $7 : \frac{1}{3} = \dots$ $14 : \frac{2}{3} = \dots$ $18 : \frac{2}{3} = \dots$

$26 : \frac{2}{3} = \dots$ $30 : \frac{2}{3} = \dots$ $42 : \frac{3}{4} = \dots$ $45 : \frac{3}{4} = \dots$ $5 : \frac{1}{8} = \dots$ $7 : \frac{1}{8} = \dots$ $10 : \frac{1}{8} = \dots$

$9 : \frac{1}{8} = \dots$ $25 : \frac{5}{8} = \dots$ $30 : \frac{5}{8} = \dots$ $35 : \frac{5}{8} = \dots$ $55 : \frac{5}{8} = \dots$ $70 : \frac{7}{8} = \dots$ $49 : \frac{7}{8} = \dots$

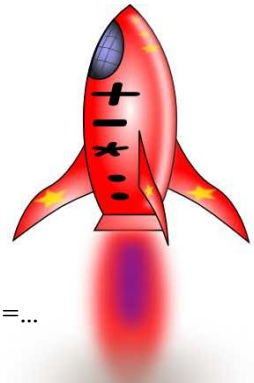
$\frac{1}{2} + \frac{1}{2} = \dots$ $\frac{1}{2} + \frac{1}{2} + \frac{1}{2} = \dots$ $\frac{1}{2} + \frac{1}{2} + \frac{1}{2} + \frac{1}{2} + \frac{1}{2} = \dots$ $\frac{1}{2} + \frac{1}{2} + \frac{1}{2} + \frac{1}{2} = \dots$



$\frac{2}{3} + \frac{1}{3} = \dots$ $\frac{2}{3} + \frac{1}{3} + \frac{1}{3} + \frac{2}{3} = \dots$ $\frac{1}{3} + \frac{2}{3} + \frac{2}{3} + \frac{2}{3} + \frac{2}{3} = \dots$ $\frac{2}{3} + \frac{1}{3} + \frac{1}{3} + \frac{2}{3} + \frac{1}{3} + \frac{2}{3} = \dots$

Übung Turborechnen

Turborechnen-Mission: Brüche addieren und subtrahieren



Name: _____ Datum: _____

Bei allen ... bitte das Ergebnis als Zahl (evtl. mit Komma) angeben. Beispiel: $2\frac{1}{4} = 2,25$
Ist der Nenner vorgegeben, nur den Zähler ergänzen.

$4\frac{1}{2} = \dots \quad 3\frac{1}{4} = \dots \quad 1\frac{1}{8} = \dots \quad \frac{1}{10} = \dots \quad \frac{7}{10} = \dots \quad \frac{14}{10} = \dots \quad \frac{27}{10} = \dots \quad 6\frac{3}{4} = \dots \quad 9\frac{1}{5} = \dots$

$2\frac{2}{5} = \dots \quad 2\frac{2}{5} = \dots \quad 5\frac{4}{5} = \dots \quad \frac{6}{5} = \dots \quad \frac{15}{5} = \dots \quad 5\frac{3}{8} = \dots \quad \frac{14}{10} = \dots \quad \frac{32}{4} = \dots \quad \frac{33}{4} = \dots$

$\frac{10}{100} = \dots \quad \frac{54}{100} = \dots \quad \frac{3}{6} = \dots \quad \frac{6}{6} = \dots \quad \frac{9}{6} = \dots \quad \frac{12}{6} = \dots \quad \frac{2}{5} = \dots \quad \frac{4}{5} = \dots \quad \frac{6}{5} = \dots$

$\frac{4}{16} = \dots \quad \frac{5}{25} = \dots \quad \frac{15}{25} = \dots \quad 1,5 + \frac{1}{2} = \dots \quad 3,5 - \frac{1}{2} = \dots \quad 6 + \frac{1}{2} + \frac{1}{2} = \dots \quad 4 + \frac{1}{4} + \frac{1}{4} + \frac{1}{4} + \frac{1}{4} = \dots$

$3,5 - \frac{1}{4} - \frac{1}{4} = \dots \quad 5 + \frac{3}{4} - \frac{3}{4} = \dots \quad 3 - \frac{3}{4} - \frac{1}{4} = \dots \quad 7 + \frac{1}{4} + \frac{3}{4} = \dots \quad 1,75 + \frac{1}{4} = \dots \quad 2,25 - \frac{1}{4} - \frac{1}{4} - \frac{1}{4} = \dots$

$\frac{7}{10} = \dots \quad \frac{9}{10} = \dots \quad \frac{11}{10} = \dots \quad \frac{13}{10} = \dots \quad \frac{3}{3} = \dots \quad \frac{9}{3} = \dots \quad \frac{2}{20} = \dots \quad \frac{6}{20} = \dots$

$\frac{5}{100} = \dots \quad \frac{15}{100} = \dots \quad \frac{1}{2} + \frac{1}{2} = \dots \quad \frac{8}{3} + \frac{1}{3} = \dots \quad \frac{7}{4} + \frac{1}{4} = \dots \quad \frac{14}{5} + \frac{1}{5} = \dots \quad \frac{17}{7} + \frac{4}{7} = \dots$

$\frac{6}{2} + \frac{6}{2} = \dots \quad \frac{8}{3} + \frac{4}{3} = \dots \quad \frac{6}{4} + \frac{6}{4} = \dots \quad \frac{16}{5} + \frac{4}{5} = \dots \quad \frac{29}{7} + \frac{6}{7} = \dots \quad \frac{6}{2} - \frac{4}{2} = \dots \quad \frac{10}{3} - \frac{1}{3} = \dots$

$\frac{9}{4} - \frac{1}{4} = \dots \quad \frac{18}{5} - \frac{3}{5} = \dots \quad \frac{25}{7} - \frac{4}{7} = \dots \quad \frac{12}{2} - \frac{8}{2} = \dots \quad \frac{16}{3} - \frac{4}{3} = \dots \quad \frac{18}{4} - \frac{6}{4} = \dots \quad \frac{23}{5} - \frac{3}{5} = \dots \quad \frac{40}{7} - \frac{5}{7} = \dots$

$\frac{1}{10} + \frac{2}{10} = \dots \quad \frac{3}{10} + \frac{2}{10} = \dots \quad \frac{5}{10} + \frac{2}{10} = \dots \quad \frac{7}{10} + \frac{2}{10} = \dots \quad \frac{9}{10} + \frac{2}{10} = \dots \quad \frac{1}{10} + \frac{1}{10} + \frac{2}{10} = \dots$

$\frac{1}{10} + \frac{3}{10} + \frac{2}{10} = \dots \quad \frac{1}{10} + \frac{5}{10} + \frac{2}{10} = \dots \quad \frac{1}{10} + \frac{7}{10} + \frac{2}{10} = \dots \quad \frac{1}{10} + \frac{9}{10} + \frac{2}{10} = \dots \quad \frac{1}{2} = \frac{\quad}{6} \quad \frac{1}{3} = \frac{\quad}{9} \quad \frac{1}{4} = \frac{\quad}{12}$

$\frac{2}{5} = \frac{\quad}{20} \quad \frac{2}{5} = \frac{\quad}{25} \quad \frac{3}{6} = \frac{\quad}{36} \quad \frac{3}{7} = \frac{\quad}{42} \quad \frac{3}{8} = \frac{\quad}{48} \quad \frac{1}{3} + \frac{1}{6} = \frac{\quad}{6} \quad \frac{1}{7} + \frac{1}{14} = \frac{\quad}{14} \quad \frac{1}{9} + \frac{1}{18} = \frac{\quad}{18}$

$\frac{1}{5} + \frac{2}{10} = \frac{\quad}{10} \quad \frac{4}{2} + \frac{3}{4} = \frac{\quad}{4} \quad \frac{4}{3} + \frac{3}{6} = \frac{\quad}{6} \quad \frac{4}{9} + \frac{4}{18} = \frac{\quad}{18} \quad \frac{4}{5} + \frac{3}{10} = \frac{\quad}{10} \quad \frac{2}{3} + \frac{2}{9} = \frac{\quad}{9} \quad \frac{2}{7} + \frac{3}{21} = \frac{\quad}{21}$

$\frac{3}{9} + \frac{3}{27} = \frac{\quad}{27} \quad \frac{2}{8} + \frac{3}{24} = \frac{\quad}{24} \quad \frac{2}{7} + \frac{3}{21} = \frac{\quad}{21} \quad \frac{5}{3} + \frac{4}{9} = \frac{\quad}{9} \quad \frac{6}{7} + \frac{5}{21} = \frac{\quad}{21} \quad \frac{6}{9} + \frac{6}{27} = \frac{\quad}{27} \quad \frac{5}{8} + \frac{6}{24} = \frac{\quad}{24} \quad \frac{6}{7} + \frac{5}{21} = \frac{\quad}{21}$

$\frac{2}{2} + \frac{2}{3} = \frac{\quad}{6} \quad \frac{2}{4} + \frac{4}{6} = \frac{\quad}{12} \quad \frac{2}{6} + \frac{4}{9} = \frac{\quad}{18} \quad \frac{2}{10} + \frac{3}{15} = \frac{\quad}{30} \quad \frac{3}{8} + \frac{4}{12} = \frac{\quad}{24} \quad \frac{5}{2} + \frac{4}{3} = \frac{\quad}{6} \quad \frac{5}{4} + \frac{5}{6} = \frac{\quad}{12} \quad \frac{6}{6} + \frac{6}{9} = \frac{\quad}{18}$

$\frac{5}{10} + \frac{6}{15} = \frac{\quad}{30} \quad \frac{5}{8} + \frac{5}{12} = \frac{\quad}{24} \quad \frac{1}{2} + \frac{1}{4} = \dots \quad \frac{4}{3} + \frac{1}{6} = \dots \quad \frac{1}{4} + \frac{2}{8} = \dots \quad \frac{3}{5} + \frac{1}{10} = \dots \quad \frac{4}{10} + \frac{2}{20} = \dots$

$\frac{4}{2} + \frac{1}{4} = \dots \quad \frac{7}{3} + \frac{1}{6} = \dots \quad \frac{5}{4} + \frac{2}{8} = \dots \quad \frac{4}{5} + \frac{2}{10} = \dots \quad \frac{6}{10} + \frac{6}{20} = \dots \quad (\frac{3}{7} + \frac{1}{7}) \cdot 7 = \dots \quad (\frac{3}{3} + \frac{1}{3}) \cdot 3 = \dots$

$(\frac{2}{10} + \frac{2}{10}) \cdot 5 = \dots \quad (\frac{2}{10} + \frac{2}{20}) \cdot 2 = \dots \quad (\frac{3}{3} + \frac{2}{6}) \cdot 3 = \dots \quad (\frac{6}{7} + \frac{2}{7}) \cdot 7 = \dots \quad (\frac{7}{3} + \frac{2}{3}) \cdot 3 = \dots \quad (\frac{8}{10} + \frac{3}{10}) \cdot 5 = \dots$

$(\frac{6}{10} + \frac{4}{20}) \cdot 2 = \dots \quad (\frac{6}{3} + \frac{5}{6}) \cdot 3 = \dots \quad 4,75 + 1\frac{1}{4} = \dots \quad 1 + \frac{1}{3} + \frac{1}{6} + 2,5 = \dots \quad 6 + \frac{2}{5} + 1,8 = \dots$

$2 + \frac{3}{5} + 1,4 = \dots \quad 3,2 + \frac{1}{5} + \frac{2}{5} = \dots \quad 6 + \frac{1}{3} + \frac{1}{6} + \frac{1}{5} = \dots \quad 4 + \frac{4}{5} - 1,1 = \dots$

$3 + \frac{3}{8} + \frac{1}{8} + 3,5 = \dots \quad 6 + \frac{3}{5} - 0,1 - 2\frac{1}{2} = \dots \quad 4\frac{1}{4} + 0,25 - 4,5 = \dots \quad 7\frac{1}{2} + 1\frac{1}{2} = \dots$

