



Mit Brüchen rechnen

Addition und Subtraktion

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

$$1 - \frac{1}{2} = \frac{1}{2}$$

$$\frac{1}{4} + \frac{2}{3} = \frac{11}{12}$$

$$\frac{4}{5} - \frac{1}{3} = \frac{7}{15}$$

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

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

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

$$\frac{4}{5} - \frac{1}{4} = \frac{11}{20}$$

$$\frac{1}{2} + \frac{1}{6} = \frac{4}{6} = \frac{2}{3}$$

$$1 - \frac{3}{4} = \frac{1}{4}$$

$$\frac{1}{4} + \frac{2}{5} = \frac{13}{20}$$

$$\frac{4}{5} - \frac{1}{6} = \frac{19}{30}$$

$$\frac{1}{2} + \frac{1}{8} = \frac{5}{8}$$

$$1 - \frac{4}{5} = \frac{1}{5}$$

$$\frac{1}{4} + \frac{1}{6} = \frac{10}{24} = \frac{5}{12}$$

$$\frac{4}{5} - \frac{1}{5} = \frac{3}{5}$$

$$\frac{1}{2} + \frac{1}{10} = \frac{6}{10} = \frac{3}{5}$$

$$1 - \frac{5}{6} = \frac{1}{6}$$

$$\frac{1}{4} + \frac{1}{8} = \frac{3}{8}$$

$$\frac{4}{5} - \frac{1}{10} = \frac{7}{10}$$

$$\frac{1}{2} + \frac{1}{5} = \frac{7}{10}$$

$$1 - \frac{1}{10} = \frac{9}{10}$$

$$\frac{1}{4} + \frac{1}{10} = \frac{14}{40} = \frac{7}{20}$$

$$\frac{4}{5} - \frac{1}{15} = \frac{11}{15}$$

$$\frac{1}{2} + \frac{1}{3} = \frac{5}{6}$$

$$1 - \frac{1}{100} = \frac{9}{100}$$

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

$$\frac{4}{5} - \frac{1}{20} = \frac{15}{20} = \frac{3}{4}$$

$$\frac{2}{9} + \frac{2}{3} = \frac{8}{9}$$

$$\frac{1}{2} + \frac{2}{5} = \frac{9}{10}$$

$$\frac{3}{4} - \frac{2}{5} = \frac{7}{20}$$

$$\frac{1}{2} + \frac{3}{8} = \frac{7}{8}$$

$$\frac{1}{2} - \frac{1}{20} = \frac{9}{20}$$

$$\frac{5}{8} - \frac{1}{3} = \frac{7}{24}$$

$$\frac{7}{8} - \frac{5}{6} = \frac{2}{48} = \frac{1}{24}$$

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

$$\frac{1}{5} + \frac{1}{3} = \frac{8}{15}$$

$$\frac{7}{12} + \frac{1}{4} = \frac{10}{12} = \frac{5}{6}$$

$$\frac{9}{10} - \frac{1}{3} = \frac{17}{30}$$

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

$$\frac{3}{5} - \frac{1}{2} = \frac{1}{10}$$

$$\frac{2}{3} - \frac{1}{2} = \frac{1}{6}$$

$$\frac{5}{12} - \frac{1}{3} = \frac{1}{12}$$

$$\frac{1}{2} - \frac{1}{6} = \frac{1}{3}$$

$$\frac{9}{10} - \frac{3}{5} = \frac{3}{10}$$

$$\frac{13}{25} - \frac{1}{5} = \frac{8}{25}$$

$$\frac{11}{20} + \frac{1}{5} = \frac{15}{20} = \frac{3}{4}$$

$$\frac{1}{10} + \frac{1}{10} = \frac{1}{5}$$

$$\frac{5}{6} - \frac{3}{4} = \frac{2}{24} = \frac{1}{12}$$

$$\frac{2}{3} + \frac{1}{10} = \frac{23}{30}$$

$$\frac{2}{7} + \frac{1}{3} = \frac{13}{21}$$

$$\frac{7}{8} - \frac{1}{8} = \frac{3}{4}$$

$$\frac{5}{24} - \frac{1}{8} = \frac{2}{24} = \frac{1}{12}$$

$$\frac{1}{8} + \frac{1}{12} = \frac{20}{96} = \frac{5}{24}$$

$$\frac{9}{20} - \frac{1}{10} = \frac{7}{20}$$

$$\frac{5}{24} - \frac{1}{8} = \frac{1}{12}$$

Anteile berechnen

$\frac{1}{2}$ von 60 = 30 $\frac{1}{2}$ von 14 = 7 $\frac{1}{5}$ von 20 = 4 $\frac{2}{3}$ von 120 = 80

$\frac{1}{3}$ von 90 = 30 $\frac{1}{2}$ von 15 = 7,5 $\frac{2}{5}$ von 40 = 16 $\frac{2}{3}$ von 60 = 40

$\frac{1}{4}$ von 120 = 30 $\frac{1}{2}$ von 16 = 8 $\frac{3}{5}$ von 60 = 36 $\frac{2}{3}$ von 30 = 20

$\frac{1}{5}$ von 150 = 30 $\frac{1}{2}$ von 17 = 8,5 $\frac{4}{5}$ von 80 = 64 $\frac{2}{3}$ von 15 = 10

$\frac{1}{2}$ von 60 = 30 $\frac{2}{3}$ von 27 = 18 $\frac{1}{3}$ von 6 = 2 $\frac{1}{2}$ von 480 = 240

$\frac{1}{3}$ von 60 = 20 $\frac{2}{4}$ von 36 = 18 $\frac{1}{3}$ von 12 = 4 $\frac{3}{4}$ von 480 = 360

$\frac{1}{4}$ von 60 = 15 $\frac{2}{5}$ von 45 = 18 $\frac{1}{3}$ von 24 = 8 $\frac{5}{6}$ von 480 = 400

$\frac{1}{5}$ von 60 = 12 $\frac{2}{6}$ von 54 = 18 $\frac{1}{3}$ von 48 = 16 $\frac{7}{8}$ von 480 = 420

$\frac{1}{10}$ von 270 = 27 $\frac{3}{5}$ von 5 = 3 $\frac{3}{5}$ von 90 = 54 $\frac{2}{3}$ von 51 = 34

$\frac{1}{20}$ von 270 = 13,5 $\frac{3}{10}$ von 5 = 1,5 $\frac{5}{6}$ von 90 = 75 $\frac{5}{8}$ von 48 = 30

$\frac{2}{9}$ von 270 = 60 $\frac{5}{6}$ von 120 = 100 $\frac{3}{5}$ von 180 = 108 $\frac{7}{20}$ von 200 = 70

$\frac{2}{18}$ von 270 = 30 $\frac{3}{20}$ von 120 = 18 $\frac{5}{6}$ von 180 = 150 $\frac{5}{6}$ von 72 = 60

$\frac{1}{2}$ von 1 = $\frac{1}{2}$ $\frac{1}{3}$ von 1 = $\frac{1}{3}$ $\frac{1}{10}$ von 1 = $\frac{1}{10}$ $\frac{2}{3}$ von 6 = 4

$\frac{1}{2}$ von $\frac{1}{2}$ = $\frac{1}{4}$ $\frac{1}{3}$ von $\frac{1}{2}$ = $\frac{1}{6}$ $\frac{1}{10}$ von 2 = $\frac{1}{5}$ $\frac{1}{3}$ von 0,6 = 0,2

$\frac{1}{2}$ von $\frac{1}{4}$ = $\frac{1}{8}$ $\frac{1}{3}$ von $\frac{1}{3}$ = $\frac{1}{9}$ $\frac{1}{5}$ von 3 = $\frac{3}{5}$ $\frac{3}{5}$ von 4 = 1,2

$\frac{1}{2}$ von $\frac{1}{8}$ = $\frac{1}{16}$ $\frac{1}{3}$ von $\frac{1}{4}$ = $\frac{1}{12}$ $\frac{1}{5}$ von 4 = $\frac{4}{5}$ $\frac{3}{4}$ von 2 = 1,5

Brüche kürzen und erweitern

$$\frac{2}{6} = \frac{1}{3}$$

$$\frac{7}{8} = \frac{28}{32}$$

$$\frac{1}{4} = \frac{12}{48}$$

$$\frac{1}{8} = \frac{12}{96}$$

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

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

$$\frac{1}{5} = \frac{20}{100}$$

$$\frac{80}{100} = \frac{4}{5}$$

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

$$\frac{8}{36} = \frac{2}{9}$$

$$\frac{72}{81} = \frac{8}{9}$$

$$\frac{16}{24} = \frac{2}{3}$$

$$\frac{6}{10} = \frac{3}{5}$$

$$\frac{70}{80} = \frac{7}{8}$$

$$\frac{4}{9} = \frac{28}{63}$$

$$\frac{2}{3} = \frac{16}{24}$$

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

$$\frac{20}{48} = \frac{5}{12}$$

$$\frac{12}{45} = \frac{4}{15}$$

$$\frac{3}{25} = \frac{6}{50}$$

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

$$\frac{2}{15} = \frac{12}{90}$$

$$\frac{1}{10} = \frac{9}{90}$$

$$\frac{8}{18} = \frac{4}{9}$$

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

$$\frac{60}{100} = \frac{3}{5}$$

$$\frac{9}{15} = \frac{3}{5}$$

$$\frac{7}{28} = \frac{1}{4}$$

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

$$\frac{28}{50} = \frac{14}{25}$$

$$\frac{6}{10} = \frac{12}{20}$$

$$\frac{27}{30} = \frac{9}{10}$$

$$\frac{9}{24} = \frac{3}{8}$$

$$\frac{6}{10} = \frac{36}{60}$$

$$\frac{7}{35} = \frac{1}{5}$$

$$\frac{25}{45} = \frac{5}{9}$$

Brüche ordnen

$$\frac{1}{4} < \frac{2}{3} < \frac{1}{3} < \frac{5}{12}$$

$$\frac{1}{4} < \frac{1}{3} < \frac{5}{12} < \frac{2}{3}$$

$$\frac{5}{9} < \frac{1}{2} < \frac{7}{9} < \frac{1}{6}$$

$$\frac{1}{6} < \frac{1}{2} < \frac{5}{9} < \frac{7}{9}$$

$$\frac{3}{5} < \frac{1}{2} < \frac{7}{10} < \frac{1}{5}$$

$$\frac{1}{5} < \frac{1}{2} < \frac{3}{5} < \frac{7}{10}$$

$$\frac{1}{6} < \frac{3}{4} < \frac{1}{12} < \frac{7}{8}$$

$$\frac{1}{12} < \frac{1}{6} < \frac{3}{4} < \frac{7}{8}$$

$$\frac{1}{4} < \frac{1}{15} < \frac{5}{12} < \frac{3}{8}$$

$$\frac{1}{15} < \frac{1}{4} < \frac{3}{8} < \frac{5}{12}$$

$$\frac{1}{12} < \frac{2}{3} < \frac{5}{6} < \frac{1}{2}$$

$$\frac{1}{12} < \frac{1}{2} < \frac{2}{3} < \frac{5}{6}$$

$$\frac{11}{12} < \frac{1}{3} < \frac{5}{6} < \frac{1}{2}$$

$$\frac{1}{3} < \frac{1}{2} < \frac{5}{6} < \frac{11}{12}$$

$$\frac{1}{12} < \frac{1}{6} < \frac{1}{3} < \frac{7}{8}$$

$$\frac{1}{12} < \frac{1}{6} < \frac{1}{3} < \frac{7}{8}$$

$$\frac{2}{3} < \frac{1}{2} < \frac{7}{10} < \frac{5}{6}$$

$$\frac{1}{2} < \frac{2}{3} < \frac{7}{10} < \frac{5}{6}$$