Kürze die Brüche!

$\frac{49}{63} = \frac{7}{9}$ $\frac{36}{50} = \frac{18}{25}$ $\frac{24}{72} = \frac{1}{3}$ $\frac{30}{105} = \frac{2}{7}$

$\frac{64}{72} = \frac{8}{9}$ $\frac{13}{65} = \frac{1}{5}$ $\frac{48}{84} = \frac{4}{7}$ $\frac{64}{48} = \frac{4}{3}$

$\frac{18}{42} = \frac{3}{7}$ $\frac{38}{46} = \frac{19}{23}$ $\frac{45}{75} = \frac{3}{5}$ $\frac{92}{72} = \frac{23}{18}$

$\frac{15}{55} = \frac{3}{11}$ $\frac{96}{120} = \frac{4}{5}$ $\frac{26}{52} = \frac{1}{2}$ $\frac{45}{75} = \frac{3}{5}$

$\frac{54}{81} = \frac{2}{3}$ $\frac{75}{90} = \frac{5}{6}$ $\frac{28}{70} = \frac{2}{5}$ $\frac{12}{68} = \frac{3}{17}$

$\frac{15}{48} = \frac{5}{16}$ $\frac{75}{125} = \frac{3}{5}$ $\frac{36}{96} = \frac{3}{8}$ $\frac{35}{65} = \frac{7}{13}$

Suche den kleinsten gemeinsamen Nenner und erweitere die Brüche!

a)

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

$\frac{4}{5} = \frac{12}{15}$

b)

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

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

c)

$\frac{5}{6} = \frac{20}{24}$

$\frac{5}{8} = \frac{15}{24}$

d)

$\frac{4}{5} = \frac{24}{30}$

$\frac{1}{6} = \frac{5}{30}$

e)

$\frac{7}{12} = \frac{28}{48}$

$\frac{5}{16} = \frac{15}{48}$

f)

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

$\frac{5}{6} = \frac{10}{12}$

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

g)

$\frac{7}{12} = \frac{14}{24}$

$\frac{1}{4} = \frac{6}{24}$

$\frac{5}{8} = \frac{15}{24}$

h)

$\frac{1}{3} = \frac{20}{60}$

$\frac{3}{4} = \frac{45}{60}$

$\frac{3}{5} = \frac{36}{60}$

i)

$\frac{2}{5} = \frac{12}{30}$

$\frac{5}{6} = \frac{25}{30}$

$\frac{7}{10} = \frac{21}{30}$

j)

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

$\frac{11}{16} = \frac{33}{48}$

$\frac{7}{8} = \frac{42}{48}$

Schreib die Dezimalzahl als Bruch und kürze!

0,75 = $\frac{3}{4}$

0,125 = $\frac{1}{8}$

0,002 = $\frac{1}{500}$

0,625 = $\frac{5}{8}$

0,025 = $\frac{1}{40}$

0,475 = $\frac{19}{40}$

0,12 = $\frac{3}{25}$

0,05 = $\frac{1}{20}$

0,15 = $\frac{3}{20}$

0,72 = $\frac{18}{25}$

0,875 = $\frac{7}{8}$

0,95 = $\frac{19}{20}$