

**Prozentzahl in Bruchzahl umwandeln**

**Wandle die Prozentangaben in Brüche um; gehe nach dem vorgegebenen Schema vor, kürze so weit wie möglich! :**

**Bsp:**  $50\% = \frac{50}{100} = \frac{5}{10} = \frac{1}{2}$

a)  $20\% =$

$36\% =$

b)  $45\% =$

$80\% =$

c)  $75\% =$

$70\% =$

d)  $65\% =$

$136\% =$

e)  $25,5\% =$

$12,5\% =$

f)  $37,5\% =$

$72,5\% =$

g)  $125,5\% =$

$33,\bar{3}\% =$

h)  $6,25\% =$

$85,5\% =$

i)  $0,25\% =$

$0,75\% =$

j)  $1,25\% =$

$7,25\% =$

k)  $15,25\% =$

$26,25\% =$

l)  $0,015\% =$

$16,\bar{6}\% =$

**Lösungen:****1) Wandle die Prozentangaben in Brüche um: gehe nach dem vorgegebenen Schema vor, kürze so weit wie möglich! :**

**Bsp:**  $50\% = \frac{50}{100} = \frac{5}{10} = \frac{1}{2}$

a)  $20\% = \frac{20}{100} = \frac{1}{5}$

$36\% = \frac{36}{100} = \frac{9}{25}$

b)  $45\% = \frac{45}{100} = \frac{9}{20}$

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

c)  $75\% = \frac{75}{100} = \frac{3}{4}$

$70\% = \frac{70}{100} = \frac{7}{10}$

d)  $65\% = \frac{65}{100} = \frac{13}{20}$

$136\% = \frac{136}{100} = \frac{34}{25}$

e)  $25,5\% = \frac{25,5}{100} = \frac{255}{1000} = \frac{51}{200}$

$12,5\% = \frac{12,5}{100} = \frac{125}{1000} = \frac{1}{8}$

f)  $37,5\% = \frac{37,5}{100} = \frac{375}{1000} = \frac{3}{8}$

$72,5\% = \frac{72,5}{100} = \frac{725}{1000} = \frac{29}{40}$

g)  $125,5\% = \frac{125,5}{100} = \frac{1255}{1000} = \frac{251}{200}$

$33,\bar{3}\% = \frac{33,\bar{3}}{100} = \frac{333,\bar{3}}{1000} = \frac{1}{3}$

h)  $6,25\% = \frac{6,25}{100} = \frac{625}{10000} = \frac{1}{16}$

$85,5\% = \frac{85,5}{100} = \frac{855}{1000} = \frac{171}{200}$

i)  $0,25\% = \frac{0,25}{100} = \frac{25}{10000} = \frac{1}{400}$

$0,75\% = \frac{0,75}{100} = \frac{75}{10000} = \frac{3}{400}$

j)  $1,25\% = \frac{1,25}{100} = \frac{125}{10000} = \frac{1}{80}$

$7,25\% = \frac{7,25}{100} = \frac{725}{10000} = \frac{29}{400}$

k)  $15,25\% = \frac{15,25}{100} = \frac{1525}{10000} = \frac{61}{400}$

$26,25\% = \frac{26,25}{100} = \frac{2625}{10000} = \frac{21}{80}$

l)  $0,015\% = \frac{0,015}{100} = \frac{15}{100000} = \frac{3}{20000}$

$16,\bar{6}\% = \frac{16,\bar{6}}{100} = \frac{166,\bar{6}}{1000} = \frac{167}{100}$