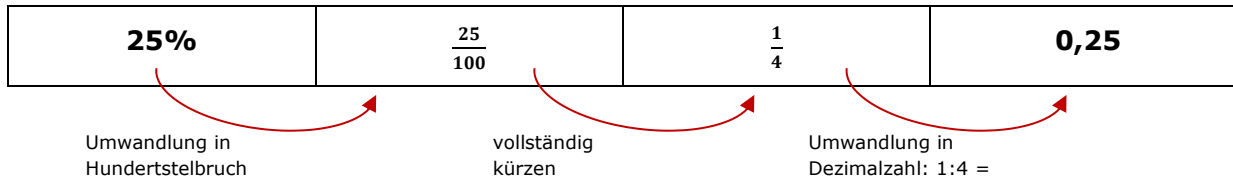


Umwandlung von Prozentzahlen in Hundertstelbrüche, vollständig gekürzte Brüche und Dezimalzahlen:



Prozentangabe	Hundertstelbruch	Bruch (vollständig gekürzt)	Dezimalzahl
25%	$\frac{25}{100}$	$\frac{1}{4}$	1 : 4 = 0,25
75%			
29%			
60%		$\frac{3}{5}$	
	$\frac{12}{100}$		0,12
			0,03
			0,05
		$\frac{24}{25}$	0,96
3,7%			
		$\frac{1}{8}$	
62,5%			
			0,002
0,01%			
		$3\frac{2}{25}$	
33,3 %			
			0,6̄

2) Gib mindestens zwei weitere unterschiedliche Schreibweisen für die angegebenen Zahlen an

$0,4 =$

$1,5 =$

$\frac{25}{15} =$

$\frac{4}{11} =$

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

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

$0,23 =$

$3,02 =$

$\frac{1}{5} =$

$34,5\% =$

$5\frac{2}{25} =$

$0,85 =$

$5 =$

$\frac{25}{5} =$

$0,375 =$

$0,875 =$

$75\% =$

$14,5\% =$

$44,3\% =$

$\frac{15}{125} =$

$0,126 =$

$67,5\% =$

$\frac{37}{50} =$

$\frac{12}{25} =$

$\frac{118}{250} =$

Lösungen

Prozentangabe	Hundertstelbruch	Bruch (vollständig gekürzt)	Dezimalzahl
25%	$\frac{25}{100}$	$\frac{1}{4}$	0,25
75%	$\frac{75}{100}$	$\frac{3}{4}$	0,75
29%	$\frac{29}{100}$	$\frac{29}{100}$	0,29
60%	$\frac{60}{100}$	$\frac{3}{5} =$	0,60
12%	$\frac{12}{100}$	$\frac{3}{25}$	0,12
3%	$\frac{3}{100}$	$\frac{3}{100}$	0,03
5%	$\frac{5}{100}$	$\frac{1}{20}$	0,05
96 %	$\frac{96}{100}$	$\frac{24}{25}$	0,96
3,7%	$\frac{37}{1000}$	$\frac{37}{1000}$	0,037
12,5%	$\frac{125}{1000}$	$\frac{1}{8}$	0,125
62,5%	$\frac{625}{1000}$	$\frac{5}{8}$	0,625
0,2%	$\frac{2}{1000}$	$\frac{1}{500}$	0,002
0,01%	$\frac{1}{10000}$	$\frac{1}{10000}$	0,0001
308%	$\frac{308}{100}$	$\frac{77}{25} = 3\frac{2}{25}$	3,08
$33,\bar{3}$ %	$\frac{33,\bar{3}}{100}$	$\frac{1}{3}$	$0,\bar{3}$
$66,\bar{6}$ %	$\frac{66,\bar{6}}{100}$	$\frac{2}{3}$	$0,\bar{6}$

2) Unterschiedliche Schreibweisen:

$$0,4 = \frac{40}{100} = \frac{2}{5} = 40\%$$

$$1,5 = \frac{150}{100} = \frac{3}{2} = 150\%$$

$$\frac{25}{15} = \frac{5}{3} = 1\frac{2}{3}$$

$$\frac{4}{11} = 0,\overline{36} = 36,\overline{36}\%$$

$$1\frac{3}{5} = \frac{8}{5} = \frac{16}{10} = 1,6 = 160\%$$

$$1\frac{5}{8} = \frac{13}{8} = 1,625 = 162,5\%$$

$$0,23 = 23\% = \frac{23}{100}$$

$$3,02 = \frac{302}{100} = \frac{151}{50} = 302\%$$

$$\frac{1}{5} = 0,2 = 20\%$$

$$34,5\% = \frac{69}{200} = \frac{345}{1000} = 0,345$$

$$5\frac{2}{25} = \frac{127}{25} = \frac{508}{100} = 5,08$$

$$0,85 = \frac{85}{100} = \frac{17}{20} = 85\%$$

$$5 = \frac{5}{1} = \frac{500}{100} = 500\%$$

$$\frac{25}{5} = \frac{5}{1} = 5$$

$$0,375 = \frac{375}{1000} = \frac{3}{8} = 37,5\%$$

$$0,875 = \frac{875}{1000} = \frac{7}{8} = 87,5\%$$

$$75\% = \frac{75}{100} = \frac{6}{8} = \frac{3}{4} = 0,75$$

$$14,5\% = 0,145 = \frac{145}{1000} = \frac{29}{200}$$

$$44,3\% = 0,443 = \frac{443}{1000}$$

$$\frac{15}{125} = \frac{120}{1000} = 0,12 = 12\%$$

$$0,126 = 12,6\% \frac{126}{1000} = \frac{63}{500}$$

$$67,5\% = 0,675 = \frac{675}{1000} = \frac{27}{40}$$

$$\frac{37}{50} = \frac{74}{100} = 0,74 = 74\%$$

$$\frac{12}{25} = \frac{48}{100} = 0,48 = 48\%$$

$$\frac{118}{250} = \frac{872}{1000} = 0,872 = 87,2\%$$