

Wie kannst du Brüche in Dezimalzahlen umwandeln?

Wandle Diese Brüche und Dezimalzahlen mit Hilfe der Stellentafel in einander um.



Dezimalzahl	H	Z	E	1	1	1	Dezimalbruch	gekürzter Bruch
				Z	H	T		
0.5 =			0	5			= $\frac{5}{10}$ =	$\frac{1}{2}$
0.05 =							= _____ =	_____
0.2 =							= _____ =	_____
0.02 =							= _____ =	_____
0.25 =							= _____ =	_____
0.025 =							= _____ =	_____
0.04 =							= _____ =	_____
0.125 =							= _____ =	_____

Berechne die zugehörigen Dezimalzahlen.



$\frac{1}{2} = 0.5$	$\frac{1}{4} = 0.25$	$\frac{2}{4} =$ _____	$\frac{3}{4} =$ _____
$\frac{1}{5} =$ _____	$\frac{2}{5} =$ _____	$\frac{3}{5} =$ _____	$\frac{4}{5} =$ _____
$\frac{1}{25} =$ _____	$\frac{5}{25} =$ _____	$\frac{12}{25} =$ _____	$\frac{20}{25} =$ _____
$\frac{1}{50} =$ _____	$\frac{5}{50} =$ _____	$\frac{30}{50} =$ _____	$\frac{33}{50} =$ _____
$\frac{1}{40} =$ _____	$\frac{2}{40} =$ _____	$\frac{15}{40} =$ _____	$\frac{21}{40} =$ _____
$\frac{1}{20} =$ _____	$\frac{3}{20} =$ _____	$\frac{12}{20} =$ _____	$\frac{15}{20} =$ _____
$\frac{1}{8} =$ _____	$\frac{3}{8} =$ _____	$\frac{5}{8} =$ _____	$\frac{7}{8} =$ _____

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Lösungen

Wandle Diese Brüche und Dezimalzahlen mit Hilfe der Stellentafel in einander um.



Dezimalzahl	H	Z	E	1	1	1	Dezimalbruch	gekürzter Bruch
				Z	H	T		
0.5 =			0	5			= $\frac{5}{10}$ =	$\frac{1}{2}$
0.05 =			0	0	5		= $\frac{5}{100}$ =	$\frac{1}{20}$
0.2 =			0	2			= $\frac{2}{10}$ =	$\frac{1}{5}$
0.02 =			0	0	2		= $\frac{2}{100}$ =	$\frac{1}{50}$
0.25 =			0	2	5		= $\frac{25}{100}$ =	$\frac{1}{4}$
0.025 =			0	0	2	5	= $\frac{25}{1000}$ =	$\frac{1}{40}$
0.04 =			0	0	4		= $\frac{4}{100}$ =	$\frac{1}{25}$
0.125 =			0	1	2	5	= $\frac{125}{1000}$ =	$\frac{1}{8}$

Berechne die zugehörigen Dezimalzahlen.



$\frac{1}{2} = 0.5$	$\frac{1}{4} = 0.25$	$\frac{2}{4} = 0.5$	$\frac{3}{4} = 0.75$
$\frac{1}{5} = 0.2$	$\frac{2}{5} = 0.4$	$\frac{3}{5} = 0.6$	$\frac{4}{5} = 0.8$
$\frac{1}{25} = 0.04$	$\frac{5}{25} = 0.2$	$\frac{12}{25} = 0.48$	$\frac{20}{25} = 0.8$
$\frac{1}{50} = 0.02$	$\frac{5}{50} = 0.1$	$\frac{30}{50} = 0.6$	$\frac{33}{50} = 0.66$
$\frac{1}{40} = 0.025$	$\frac{2}{40} = 0.05$	$\frac{15}{40} = 0.375$	$\frac{21}{40} = 0.525$
$\frac{1}{20} = 0.05$	$\frac{3}{20} = 0.15$	$\frac{12}{20} = 0.6$	$\frac{15}{20} = 0.75$
$\frac{1}{8} = 0.125$	$\frac{3}{8} = 0.375$	$\frac{5}{8} = 0.625$	$\frac{7}{8} = 0.875$