



Decimal, Percent, Fraction, Ratio Equivalents

Decimal	Percent	Fraction	Ratio
Move the decimal 2 places to the left from the percent form.	Move the decimal 2 places to the right from the decimal form.	Divide the percent by 100, then simplify.	Set ratio up as Numerator : Denominator
0.125	12.5%	$\frac{12.5}{100} = \frac{125}{1000} = \frac{1}{8}$	1 : 8
0.25	25%	$\frac{25}{100} = \frac{1}{4}$	1 : 4
0.375	37.5%	$\frac{37.5}{100} = \frac{375}{1000} = \frac{3}{8}$	3 : 8
0.50	50%	$\frac{50}{100} = \frac{1}{2}$	1 : 2
0.625	62.5%	$\frac{62.5}{100} = \frac{625}{1000} = \frac{5}{8}$	5 : 8
0.75	75%	$\frac{75}{100} = \frac{3}{4}$	3 : 4
0.875	87.5%	$\frac{87.5}{100} = \frac{875}{1000} = \frac{7}{8}$	7 : 8
1.00	100%	$\frac{100}{100} = 1$	1 : 1
1.125	112.5%	$\frac{112.5}{100} = \frac{1125}{1000} = \frac{9}{8} = 1\frac{1}{8}$	9 : 8

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