

CONVERTING FRACTIONS, DECIMALS AND PERCENTAGES

To convert a percentage to a fraction:

- change the % sign to a denominator of 100
- simplify the fraction as required

example:

$$35\% = \frac{35}{100} = \frac{7}{20}$$

To convert a percentage to a decimal, divide by 100.

(that means, move the decimal point two places to the left)

example:

$$46\% = 46\% \div 100\% = 46 \div 100 = 0.46$$

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To convert a fraction to a percentage, multiply by 100%

example: $\frac{1}{8} = \frac{1}{8} \times 100\% = \frac{1}{8} \times \frac{100}{1}\% = \frac{25}{2}\% = 12\frac{1}{2}\%$

To convert a decimal to a percentage: multiply by 100%
(that means, move the decimal point two places to the right)

example: $0.812 = 0.812 \times 100\% = 81.2\%$