

FRACTION → DECIMAL

Divide the numerator by the denominator

$$\frac{1}{4} = 4 \overline{)1.00}$$

$$\begin{array}{r} .25 \\ - .80 \\ \hline 0.20 \\ - .20 \\ \hline 0.00 \end{array}$$

$$\frac{1}{4} = .25$$

FRACTION → PERCENT

Change the fraction so denominator is 100 and add % sign

$$\frac{1}{4} \frac{x25}{x25} = \frac{25}{100} = 25\%$$

Multiply by 100 then reduce and add % sign

$$\frac{1}{4} \frac{x100}{x1} = \frac{100}{4} = 25\%$$

DECIMAL → FRACTION

Use the smallest place value to name the denominator, then reduce

$$.25 = \frac{25}{100} = \frac{1}{4}$$

$$.123 = \frac{123}{1000}$$

$$.3 = \frac{3}{10}$$

DECIMAL → PERCENT

Move the decimal 2 places to the right

$$.25 = 25\%$$

$$1.234 = 123.4\%$$

$$3 = 300\%$$

$$.045 = 4.5\%$$

PERCENT → FRACTION

Place the percent over 100, then reduce

$$24\% = \frac{24}{100} = \frac{6}{25}$$

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

$$350\% = \frac{350}{100} = \frac{7}{2}$$

PERCENT → DECIMAL

Move the decimal 2 places to the left

$$25\% = .25$$

$$342\% = 3.42$$

$$.003\% = .00003$$

$$2.31\% = .0231$$