



CONVERTING FRACTION TO PERCENT SUPPORT

There are 2 ways to convert a fraction to a percent: using the Denominator Method or using the Decimal Conversion Method.

The Denominator Method

- This is a great method to use if the denominator is a factor of 100.

Step 1) Divide 100 by the denominator to give you the Multiplier.

Step 2) Multiply both the numerator and denominator of your fraction by the Multiplier to give an equivalent fraction with a denominator of 100. The numerator is your percentage.

Example: Convert $\frac{3}{5}$ to a percentage.

You will notice that the denominator, which is 5, is a factor of 100.

Step 1) $100 \div 5 = 20$, so our Multiplier is 20.

Step 2) We need to multiply the numerator and denominator by 20.

$$\text{So } \frac{3}{5} = \frac{3 \times 20}{5 \times 20} = \frac{60}{100} = 60\%$$

You have now changed your fraction to a percentage.

The Decimal Conversion Method

Step 1) Convert your fraction to a decimal by dividing the numerator by the denominator.

Step 2) Multiply the decimal by 100 to change it into a percent.

Example 1: Convert $\frac{3}{5}$ to a percentage.

To convert the fraction to a decimal we divide the numerator by the denominator.

$$\frac{3}{5} = 3 \div 5 = 0.6$$

Next multiply by 100 to change it to a percentage.

$$0.6 \times 100 = 60. \quad \text{So } \frac{3}{5} = 60\%$$