

Percents

Changing a Percent to a Fraction

Change the percent sign (%) to times $\frac{1}{100}$. Multiply and reduce the fraction if possible.

$$35\% = 35\left(\frac{1}{100}\right) = \frac{35}{100} = \frac{7}{20}$$

Changing a Percent to a Decimal

Change the percent sign (%) to times 0.01. Multiply.

$$35\% = 35(0.01) = 0.35$$

Changing a Fraction to a Percent

Multiply the fraction by 100%.

$$\frac{7}{8} = \frac{7}{8} \cdot 100\% = \frac{7 \cdot 100}{8}\% = \frac{700}{8}\% = \frac{175}{2}\% = 87\frac{1}{2}\% \text{ or } 87.5\%$$

Changing a Decimal to a Percent

Multiply the decimal by 100%.

$$0.867 = 0.867 (100\%) = 86.7\%$$