

Converting Percentages to Fraction or Decimals



To convert a percentage into a fraction or a decimal, divide it by 100%.

To convert a percent to a decimal, we divide by 100. This is the same thing we do to convert a percent to a fraction. The number before the (%) sign becomes the numerator, and the denominator is 100. Once this is done, we can simplify the fraction.

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

Express 140 % percentage into a fraction.

$$140\% = \frac{140}{100} = \frac{14}{10} = \frac{7}{5}$$

Express 140 % percentage into a decimal.

$$140\% = \frac{140}{100} = 1.40$$

Express 3 % percentage into a decimal.

$$3\% = \frac{3}{100} = 0.03$$

Express 20 % percentage into a fraction.

$$20\% = \frac{20}{100} = \frac{1}{5}$$