

# Converting Percentages to Fractions and Decimals

## Video Transcript

This video will explain how to convert a percentage into a fraction and into a decimal. We have 36%. Per cent means out of 100 so turning it into a fraction is simple. We put 36 out of 100. This is okay as a fraction but its better to simplify. Both the numerator and the denominator are divisible by 2. The fraction becomes 18 over 50. We can half both numbers again and get 9 over 25.

To get the decimal, we have 2 options. One way, is to use a place value grid. Take 36 over 100. The last digit needs to be in the hundredths column because our fraction is over 100. Work backwards, adding zeros where necessary. The second option is to divide the percentage by 100. Both ways give us 0.36.

Pause the video and try converting these percentages into fractions and decimals. For further examples and explanation, please contact us by email, through our website or come visit us in the library.