

Converting Fractions to Decimals and Percentages

Video Transcript

This video will explain how to convert a fraction into a decimal, and then into a percentage. We have the fraction two fifths or two over five. Two is the numerator. Five is the denominator. To turn this fraction into a decimal, we're going to divide the numerator by the denominator.

Watch. Erase here. Move the denominator across. Move the numerator down. Add in a divide sign to create two divided by five. Numerator divided by denominator is zero point four. If we wanted the decimal we would stop here.

A percentage is out of 100. So, to get the percentage from our answer, we multiply by 100. This gives us 40%. So $2/5$ as a percentage is 40%. Two simple steps as shown on the screen.

Pause the video and have a try converting these fractions into decimals and percentages. Were you correct?

For further examples and explanation, please contact us by email, through our website or visit us in the library.