



Eleven Plus Maths How To Do - Converting Fractions to Decimals

This is how to convert a fraction in to a decimal.

Example: Convert $\frac{3}{4}$ to a decimal.

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| (i) | Divide the denominator in to the numerator | $4/3$ |
| (ii) | Put a decimal point after the dividend (the dividend is the number being divided in to) and also in the answer. Put a nought after the 3. | $4/3.0$ |
| (iii) | You cannot divide 4 into 3 so put a nought in the answer, carry the 3 to the 0 tenths and divide. | $\frac{0.7}{4/3.0}$ |
| (iv) | Complete the division | $\frac{0.75}{4/3.00}$ |