Maths St★r

Decimals To Percentages

This is the simple bit to percentages! Remember that percentages are always out of 100, so we need to look at the hundredths place in the decimal.

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E.g. Express 0.273 as a percentage

Look at the "hundredths" place in the decimal, in this case the 7. By moving the decimal point to after the hundredths column (or multiplying by 100), we get our percentage:

$$0.273 => 27.3\%$$

Now have a go at these questions:

1) Express 0.459 as a percentage
   Answer: 45.9%

2) Express 0.328 as a percentage
   Answer: 32.8%

⭐ Remember: To find the percentage, times by 100 (move the decimal point 2 places to the right.

3) Express 0.26 as a percentage
   Answer: 26%

4) Express 2.17 as a percentage
   Answer: 217%

5) Express 4.06 as a percentage
   Answer: 406%

6) Express 0.7831 as a percentage
   Answer: 78.31%