

Class 6 (Y5) Percentages, Decimals & Fractions

Aspect	Key Concepts	Key Vocabulary	Skills	Practical Resources for Class Area	Practical Resources centrally stored
<i>Decimal Equivalents</i>	<p>Recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents</p> <p>Read and write decimal numbers as fractions e.g. $0.71 = \frac{71}{100}$</p>	<p>equivalent</p> <p>tenths</p> <p>hundredths</p> <p>thousandths</p>			
<i>Rounding Decimals</i>	<p>Round decimals with two decimal places to the nearest whole number and to one decimal place</p>	<p>rounding</p> <p>one decimal place</p> <p>whole number</p>			
<i>Comparing numbers</i>	<p>Read, write, order and compare numbers with up to three decimal places</p>	<p>compare</p> <p>order</p> <p>three decimal places</p>			
<i>Adding and subtracting decimals</i>	<p>Add and subtract decimals including a mix of whole numbers and decimals, decimals with different numbers of decimal places, and complements of 1 e.g. $0.83 + 0.17 = 1$</p> <p>Mentally add and subtract tenths, and one-digit whole numbers and tenths</p>				
<i>Percentages</i>	<p>Recognise the per cent symbol (%) and understand that per cent relates to “number of parts per 100”, and write percentages as a fraction with denominator hundred, and as a decimal fraction</p>	<p>per cent</p> <p>percentage</p> <p>decimal fraction</p>			

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Problems	<p>Solve problems involving number up to three decimal places</p> <p>Solve problems which require knowing percentage and decimal equivalents of $\frac{1}{2}$, $\frac{1}{4}$, $\frac{1}{5}$, $\frac{2}{5}$, $\frac{3}{5}$ and those with a denominator of a multiple of 10 or 25</p>	<p>three decimal places</p> <p>decimal notation</p> <p>decimal equivalents</p> <p>denominator numerator</p> <p>multiple</p>	Be confident in checking the reasonableness of their answers to problems		