

ADDITION & SUBTRACTION Calculation involving Fractions and Decimals

	Fractions and Decimals	Representations
Year 1		
Year 2		
Year 3	Add and subtract fractions with the same denominator within one whole (e.g. $\frac{2}{7} + \frac{3}{7} = \frac{5}{7}$)	
Year 4	Add and subtract fractions with the same denominator	
Year 5	Add and subtract fractions with the same denominator and multiples of the same number Recognise mixed numbers and improper fractions and convert from one form to the other and write mathematical statements > 1 as a mixed number (e.g. $\frac{3}{2} + \frac{4}{2} = \frac{7}{2} = 1\frac{5}{2}$)	
Year 6	Add and subtract fractions with different denominators and mixed numbers, using the concept of equivalent fractions	

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MULTIPLICATION & DIVISION Calculation involving Fractions and Decimals

	Fractions and Decimals	Representations
Year 1		
Year 2		
Year 3		
Year 4	Find the effect of dividing a one- or two-digit number by 10 and 100, identifying the value of the digits in the answer as ones, tenths and hundredths	
Year 5	Multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams	
Year 6	<p>Multiply simple pairs of proper fractions, writing the answer in its simplest form (e.g. $\frac{1}{4} \times \frac{1}{2} = \frac{1}{8}$)</p> <p>Divide proper fractions by whole numbers (e.g. $\frac{1}{2} \div 2 = \frac{1}{4}$)</p> <p>Multiply one-digit numbers with up to two decimal places by whole numbers</p> <p>Multiply and divide numbers by 10, 100 and 1000 where the answers are up to three decimal places</p> <p>Identify the value of each digit to three decimal places and multiply and divide numbers by 10, 100 and 1000 where the answers are up to three decimal places</p> <p>Use written division methods in cases where the answer has up to two decimal places</p>	

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