

Number: Fractions (including Decimals and Percentages)

COUNTING IN FRACTIONAL STEPS

Year 1	Year 2	Year 3	Year 4
	<i>Pupils should count in fractions up to 10, starting from any number and using the $\frac{1}{2}$ and $\frac{2}{4}$ equivalence on the number line (Non Statutory Guidance)</i>	Count up and down in tenths	Count up and down in hundredths

RECOGNISING FRACTIONS

Recognise, find and name a half as one of two equal parts of an object, shape or quantity	Recognise, find, name and write fractions $\frac{1}{3}$, $\frac{1}{4}$, $\frac{2}{4}$ and $\frac{3}{4}$ of a length, shape, set of objects or quantity	Recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators	Recognise that hundredths arise when dividing an object by one hundred and dividing tenths by ten
		Recognise that tenths arise from dividing an object into 10 equal parts and in dividing one – digit numbers or quantities by 10.	
Recognise, find and name a quarter as one of four equal parts of an object, shape or quantity	Recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators		

COMPARING FRACTIONS

		Compare and order unit fractions, and fractions with the same denominators	
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COMPARING DECIMALS			
Year 1	Year 2	Year 3	Year 4
			Compare numbers with the same number of decimal places up to two decimal places
ROUNDING INCLUDING DECIMALS			
			Round decimals with one decimal place to the nearest whole number
EQUIVALENCE (INCLUDING FRACTIONS, DECIMALS AND PERCENTAGES)			
	write simple fractions e.g. $\frac{1}{2}$ of 6 = 3 and recognise the equivalence of $\frac{2}{4}$ and $\frac{1}{2}$.	recognise and show, using diagrams, equivalent fractions with small denominators	Recognise and show, using diagrams, families of common equivalent fractions
			Recognise and write decimal equivalents of any number of tenths or hundredths
			Recognise and write decimal equivalents to $\frac{1}{4}$; $\frac{1}{2}$; $\frac{3}{4}$

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ADDITION AND SUBTRACTION OF FRACTIONS

Year 1	Year 2	Year 3	Year 4
		Add and subtract fractions with the same denominator within one whole (e.g. $\frac{5}{7} + \frac{1}{7} = \frac{6}{7}$)	Add and subtract fractions with the same denominator

MULTIPLICATION AND DIVISION OF FRACTIONS

MULTIPLICATION AND DIVISION OF DECIMALS

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

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PROBLEM SOLVING			
Year 1	Year 2	Year 3	Year 4
		Solve problems that involve all of the above	Solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number
			Solve simple measure and money problems involving fractions and decimals to two decimal places.