Fractions

	Counting	Recognise, find and name	Writing (including decimals)	Using	Comparing	Calculating	Rounding	Solving Problems
1		Recognise, find and name a half as one of two equal parts of an object, shape or quantity Recognise, find and name a quarter as one of four equal parts of an object, shape or quantity.						
2		Recognise, find name fractions 1/3, ¼, 2/4, and ¾ of a length, shape, set of objects or quantity	Write fractions 1/3, ¼, 2/4, and ¾ of a length, shape, set of objects or quantity Write simple fractions e.g. ½ of 6 = 3 and recognise the equivalent of two quarters and one half					
3	Count up and down in tenths; recognise that tenths arise from dividing an object into 10 equal parts and in dividing one-digit numbers or quantities by 10	Recognise and fractions of a discrete set of objects; unit fractions and non-unit fractions with small denominators	write fractions of a discrete set of objects; unit fractions and non-unit fractions with small denominators	Recognise and use fractions as numbers; unit fractions and non-unit fractions with small denominators Recognise and show, using diagrams, equivalent fractions with small denominators	Compare and order unit fractions with the same denominator	Add and subtract fractions with the same denominator within one whole (e.g. 5/7 + 1/7 = 6/7)		Solve problems that involve all of the descriptions in the programme of study

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4	Count up and down in hundredths; recognise that hundredths arise when dividing an object by a hundred and dividing tenths by ten		Recognise and write decimal equivalents of any number of tenths or hundredths Recognise and write decimal equivalents to $\frac{1}{4}$; $\frac{1}{2}$; $\frac{3}{4}$	Recognise and show, using diagrams, families of common equivalent fractions	Compare numbers with the same number of decimal places up to two decimal places	Add and subtract fractions with the same denominator. 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	Round decimals with one decimal place to the nearest whole number	Solve problems involving increasingly harder fractions to calculate quantities, including non-unit fractions where the answer is a whole number Solve simple measures and money problems involving fractions and decimals to two decimal places
5		Identify and name equivalent fractions of a given fraction, represented visually, including tenths and hundredths Recognise the per cent symbol (%) and understand that per cent relates to 'number of parts per hundred', and write percentages as a fraction with denominator 100, and as a decimal Recognise the per cent symbol (%) and understand that per cent relates to 'number of parts per hundred', and write percentages as a fraction with denominator 100, and as a decimal	Write equivalent fractions of a given fraction, represented visually, including tenths and hundredths Read and write decimal numbers as fractions (e.g. 0.71 = 71/100) Read, write, order numbers with up to three decimal places	Recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents	Compare and order fractions whose denominators are all multiples of the same number Read, write, order and compare numbers with up to three decimal places	Add and subtract fractions with the same denominator and denominators that are multiples of the same number Multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams.	Round decimals with two decimal places to the nearest whole number and to one decimal place	Solve problems involving numbers up to three decimal places Solve problems which require knowing percentage and decimal equivalents of $\frac{1}{2}$, $\frac{1}{4}$, 1/5, 2/5, 4/5 and those fractions with a denominator of a multiple of 10 or 25