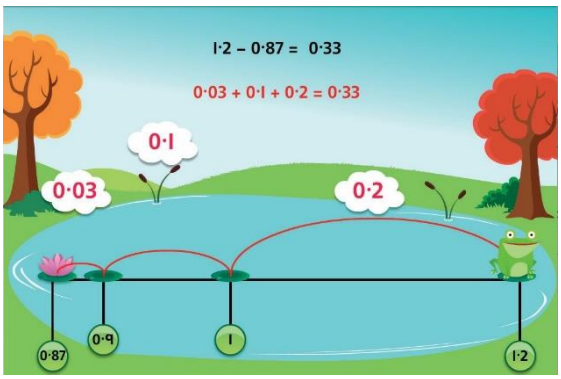
Key Stage 2 Calculation Policy

Overview of Written Methods

	Year 6	
Addition	**Compact column addition** *Compact column addition for adding several large numbers, decimal numbers with up to 2 decimal places and money*	£14·64 + £28·78 £12·26 11·1 £55·68
	Fractions *Add unlike fractions, including mixed numbers*	$\frac{1}{4} + \frac{2}{3}$ (×3, ×4) $= \frac{3}{12} + \frac{8}{12} = \frac{11}{12}$
Subtraction	**Counting up** *Find a difference between two numbers by counting up from the smaller to the larger (when it is most effective)*	
	Compact column subtraction *Compact column subtraction for large numbers*	2 14 7 15 ~~3~~ ~~4~~ 6 ~~8~~ ~~5~~ – 1 6 4 5 8 1 8 2 2 7
	Fractions *Subtract unlike fractions, including mixed numbers*	$\frac{3}{4} - \frac{1}{3}$ (×3, ×4) $= \frac{9}{12} - \frac{4}{12} = \frac{5}{12}$

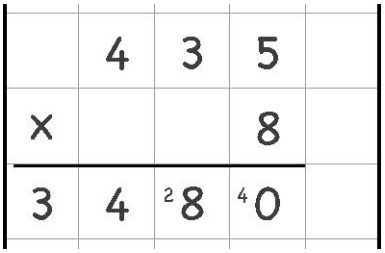
Key Stage 2 Calculation Policy

Overview of Written Methods

Multiplication

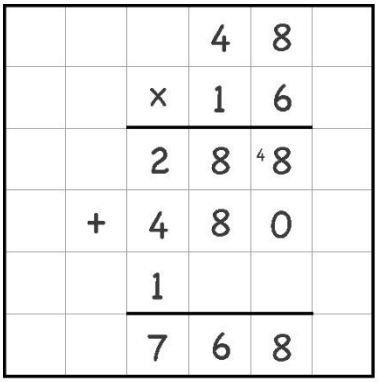
Short multiplication

Short multiplication of 2-, 3- and 4-digit numbers by 1-digit numbers (tens digits written small for carrying)



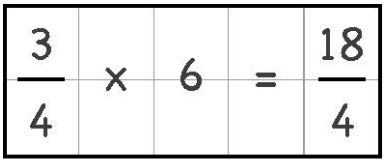
Long multiplication

Long multiplication of 2-, 3- and 4-digit numbers by 2-digit numbers (multiplied by ones digit first – as short multiplication)

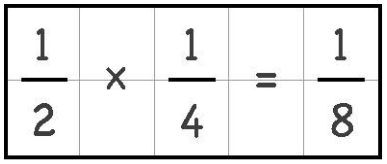


Fractions

Multiply fractions by 1-digit numbers



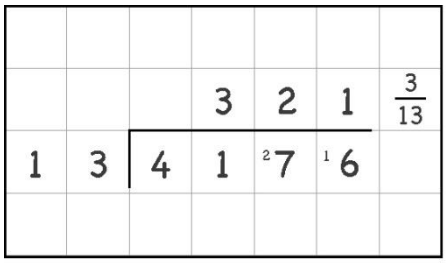
Multiply simple pairs of proper fractions



Division

Short division

Short division of 3- and 4-digit numbers by 1- and 2-digit numbers, giving remainders as whole numbers, fractions or decimals



Fractions

Divide proper fractions by whole numbers