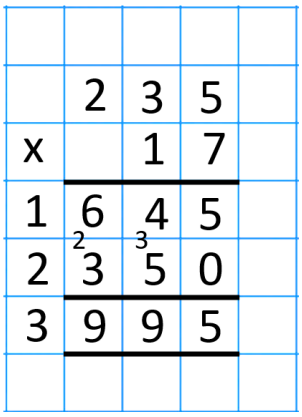
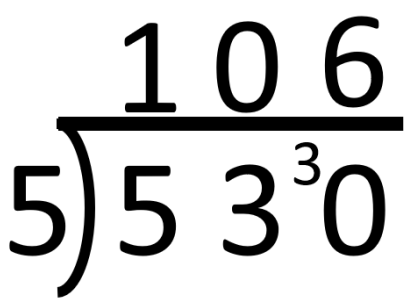
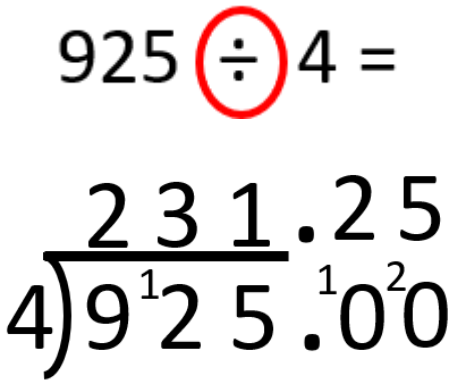
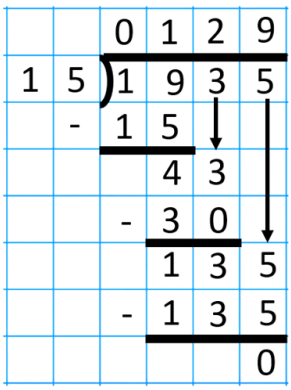
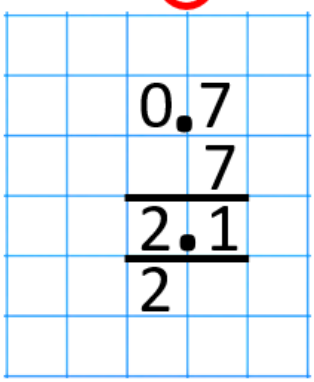
Year 6 - Maths
Arithmetic Methods

Name	Completed Method	Video Explanation	Practice Questions
Addition	4125 (+) 497 = 4622 TH H T O 4 1 2 5 + 4 9 7 4 6 2 2 1 1	LINK	LINK
Subtraction	2051 (-) 1684 = 367 TH H T O 1 2 9 14 1 2 0 5 1 - 1 6 8 4 3 6 7	LINK	LINK
Multiplication	235 (x) 7 = 1615 H T O 2 3 5 x 7 1 6 1 5 2 3	LINK	LINK

Year 6 - Maths
Arithmetic Methods

Name	Completed Method	Video Explanation	Practice Questions
Long Multiplication	235 x 17 = 	LINK	LINK
Short Division	530 ÷ 5 = 	LINK	LINK
Short Division (decimal remainder)	925 ÷ 4 = 	LINK	LINK

Year 6 - Maths
Arithmetic Methods

Name	Completed Method	Video Explanation	Practice Questions
Long Division	1935 ÷ 15 = 	LINK	LINK
Multiplying Decimals by a Whole Number	0.7 x 3 	LINK	LINK
Square Numbers	3^{2} 3 x 3 =	LINK	LINK

Year 6 - Maths
Arithmetic Methods

Name	Completed Method	Video Explanation	Practice Questions
Cube Numbers	4^{3} $4 \times 4 \times 4$ $16 \times 4 =$	LINK	LINK
Missing Number Problems – Addition/ Subtraction	$\square - 415 = 312$ 727 415 + 312	LINK	LINK
Missing Number Problems – Multiplication/Division	$\square \div 6 = 424$ 2554 6 x 424	LINK	LINK

Year 6 - Maths
Arithmetic Methods

Name	Completed Method	Video Explanation	Practice Questions
Dividing by 10, 100, 1000	HTO 36 ÷ 100 = "How many hundreds are there?" 0.36	LINK	LINK
Multiplying by 10, 100, 1000	HTO 24 x 100 = "How many lots of 100?" TH H T O 2 4 0 0	LINK	LINK
Finding Fractions of Amounts (unit)	Find $\frac{1}{3}$ of 27 = 9	LINK	LINK

Year 6 - Maths
Arithmetic Methods

Name	Completed Method	Video Explanation	Practice Questions
Finding Fractions of Amounts (non-unit)	Find $\frac{3}{4}$ of 12 = 9	LINK	LINK
Adding 3 Numbers	8 + 16 + 2 = 10 + 16 =	LINK	LINK
Multiplying 3 Numbers	5 x 4 x 6 = 20 x 6 = 120	LINK	LINK

Year 6 - Maths
Arithmetic Methods

Name	Completed Method	Video Explanation	Practice Questions
Adding Fractions with the Same Denominator	$\frac{3}{7} + \frac{2}{7} = \frac{5}{7}$	LINK	LINK
Adding Fractions with Different Denominators	$\frac{2}{4} + \frac{2}{8} =$ $\frac{2}{4} + \frac{1}{4} = \frac{3}{4}$	LINK	LINK
Adding Fractions with Wholes	$2\frac{2}{4} + 1\frac{2}{8} =$ $3\frac{2}{4} + \frac{2}{8} =$ $3\frac{2}{4} + \frac{1}{4} = 3\frac{3}{4}$	LINK	LINK

Year 6 - Maths
Arithmetic Methods

Name	Completed Method	Video Explanation	Practice Questions
Adding Fractions with Wholes (crossing the whole)	$2\frac{2}{4} + 1\frac{6}{8} =$ $3\frac{2}{4} + \frac{6}{8} =$ $3\frac{2}{4} + \frac{3}{4} = 3\frac{5}{4} = 4\frac{1}{4}$	LINK	LINK
Subtracting Fractions with the Same Denominator	$\frac{6}{7} - \frac{5}{7} = \frac{1}{7}$	LINK	LINK
Subtracting Fractions with Different Denominators	$\frac{5}{6} - \frac{2}{3} =$ $\frac{5}{6} - \frac{4}{6} = \frac{1}{6}$	LINK	LINK

Year 6 - Maths
Arithmetic Methods

Name	Completed Method	Video Explanation	Practice Questions
Subtracting Fractions With Wholes	$2\frac{2}{4} - 1\frac{2}{8} =$ $1\frac{2}{4} - \frac{2}{8} =$ $1\frac{2}{4} - \frac{1}{4} = 1\frac{1}{4}$	LINK	LINK
Subtracting Fractions with Wholes (crossing the whole)	$5\frac{2}{4} - 1\frac{2}{8} =$ $4\frac{2}{4} - \frac{6}{8} =$ $3\frac{6}{4} - \frac{3}{4} = 3\frac{3}{4}$	LINK	LINK
Percentages (multiples of 10)	40% of 30 10% = 3 40% = 12	LINK	LINK

Year 6 - Maths
Arithmetic Methods

Name	Completed Method	Video Explanation	Practice Questions
Percentages	46% of 30 10% = 3 40% = 12 1% = 0.3 6% = 1.8 12 + 1.8 = 13.8	LINK	LINK
Multiplying Fractions	$\frac{2}{4} \times \frac{2}{4} = \frac{4}{16}$ (x, x)	LINK	LINK
Dividing a Fraction by a Whole Number	KCF $\frac{1}{6} \div \frac{2}{1} =$ $\frac{1}{6} \times \frac{1}{2} = \frac{1}{12}$ (x, x)	LINK	LINK

Year 6 - Maths
Arithmetic Methods

Name	Completed Method	Video Explanation	Practice Questions
Rounding	Round 135 to the nearest ten = 140 H T O 1 3 5	LINK	LINK
Solving Calculations on Either Side	27 + 13 = 36 + 4 40 =	LINK	LINK
BIDMAS	BIDMAS (9 - 4) x (12 - 6) 5 x 6 = 30	LINK	LINK