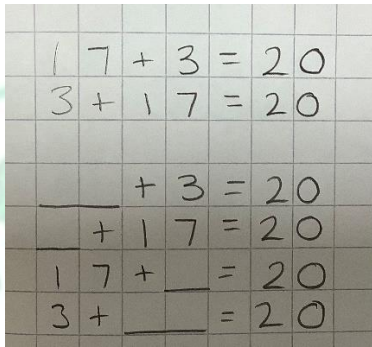
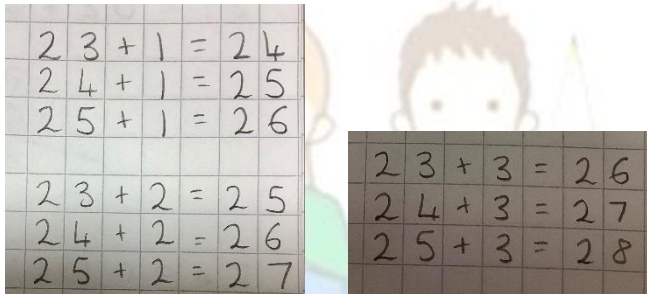
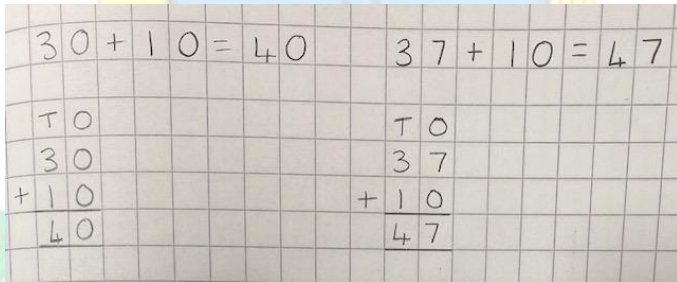
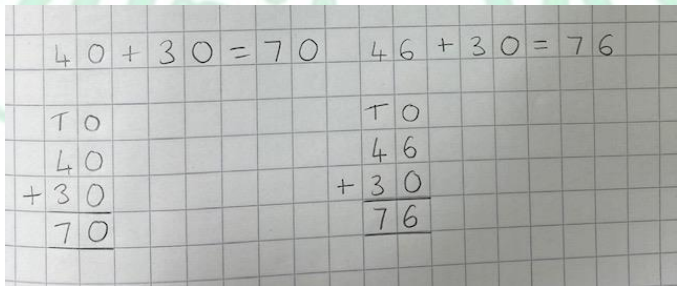
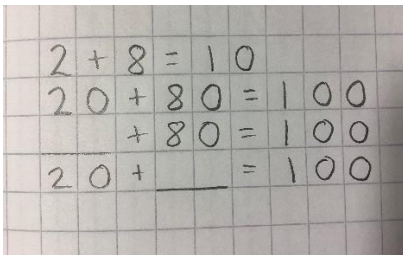
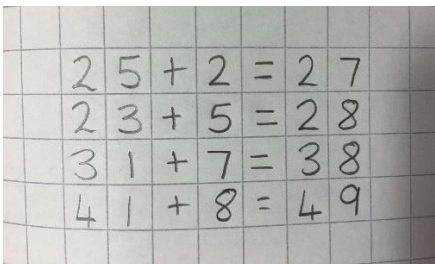
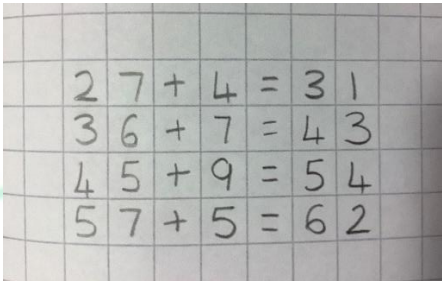
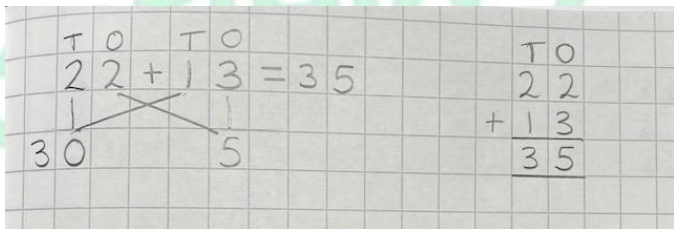
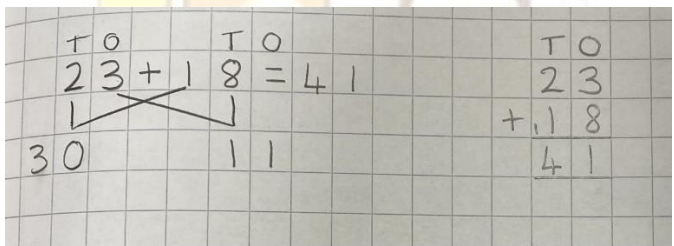
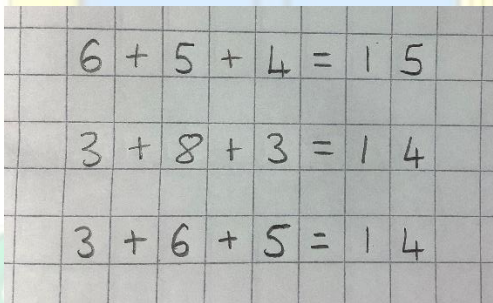
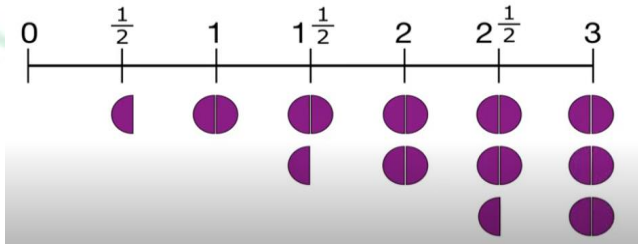
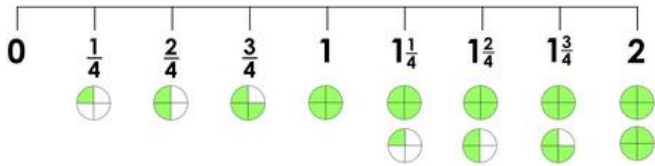


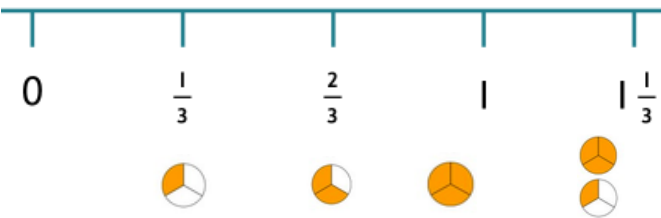
Year 2 Addition Progression Grid

Key vocabulary:

add, addition, more, sum, total, altogether, column, double, near double, count on, tens, ones, column, tens boundary, equals, number bonds

Progressive Key Skills	Method	Manipulatives/ Resources
Number bonds 20		Numicon Tens frames
Add 1s		Number line
Add 10 more		Dienes Place value counters
Add multiples of tens		Dienes Place value counters
Number bonds to 100		Tens frame

Add 2d+1d number - not crossing tens		Dienes Place value counters Number line
Add 2d+1d number crossing tens		Dienes Place value counters
Add 2 2digit numbers – not crossing ten (adding ones then adding tens)		Dienes Place value counters
Add 2 2d numbers crossing tens- (adding ones then adding tens)		Dienes Place value counters
Add 3 1d numbers.		Number line
Count in halves from any number to 10.		Pictorial fractions
Count in quarters from any number to 10.		Pictorial fractions

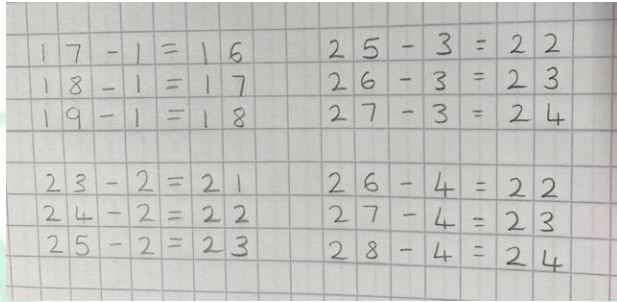
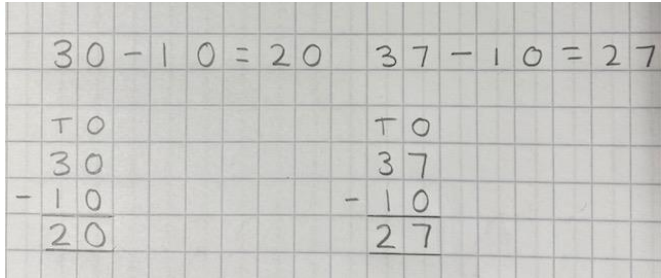
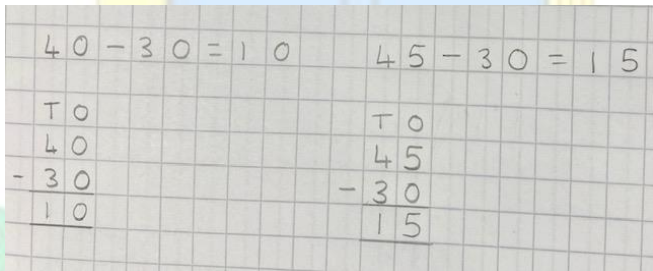
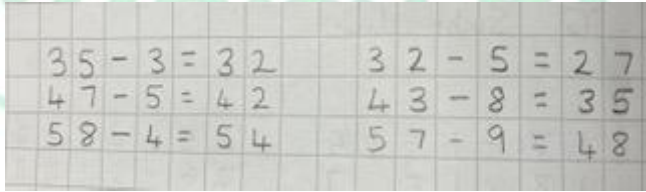
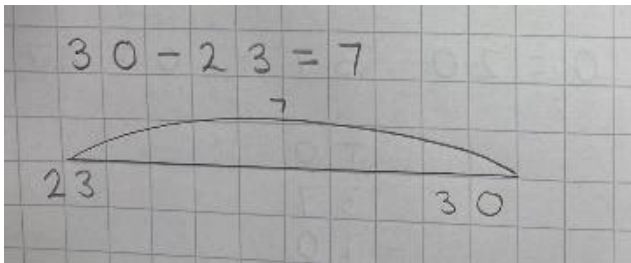
Count in thirds from any number to 10.		Pictorial fractions
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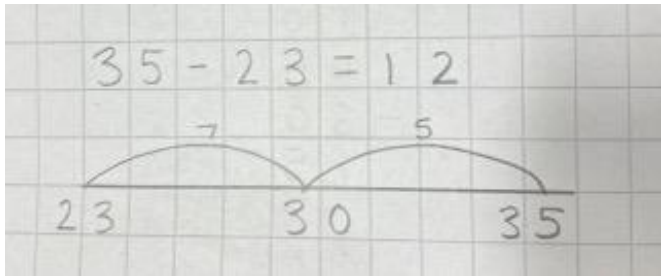
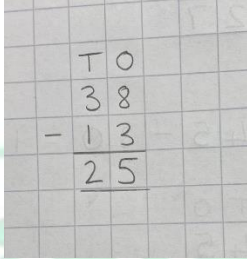
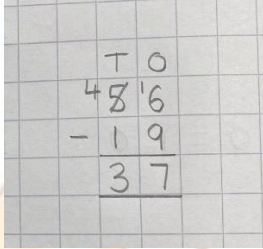
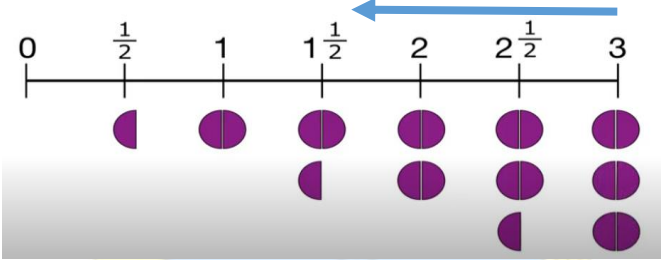

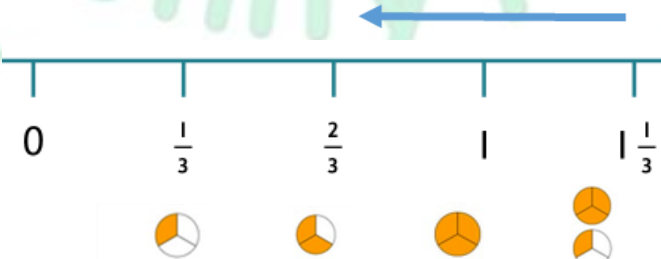


Year 2 Subtraction Progression Grid

Key vocabulary:

subtract, take away, minus, left, less, difference between, equals, tens boundary, tens, ones, column, tens boundary, borrow, inverse

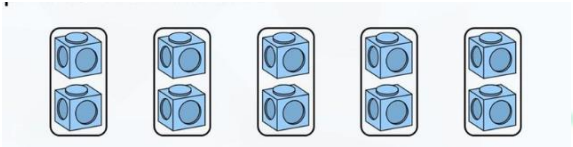
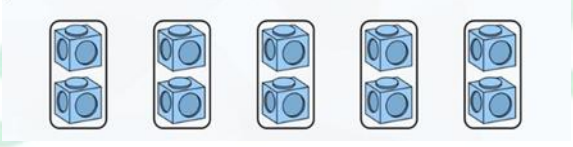
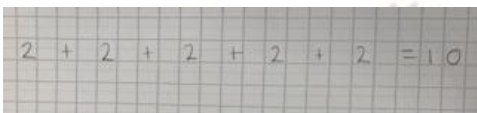

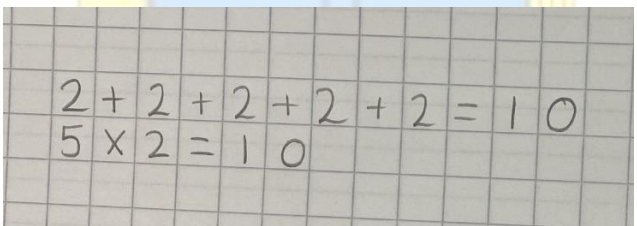
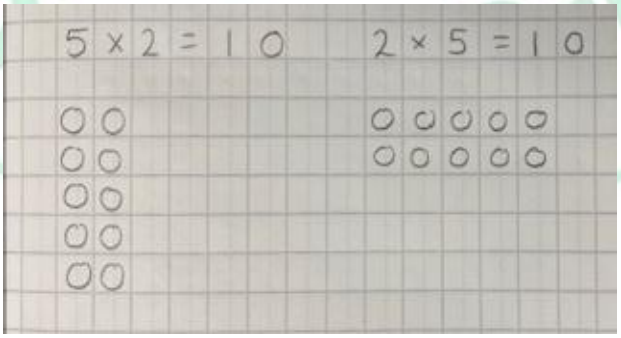
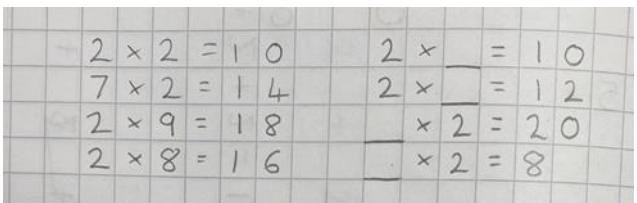
Progressive Key Skills	Method	Manipulatives/ Resources
Subtract 1s		Dienes Number line Place value counters
Find 10 less		Dienes Place value counters Hundred squares
Subtract multiples of 10		Dienes Place value counters Hundred squares
Subtract 1d number from a 2d number – crossing ten.		Dienes Counters
Subtract a 2d number from a 2d number- not crossing ten. (Number line)		Number line

Subtract a 2d number from a 2d number- crossing ten. (Number line)		Number line
Subtract a 2d number from a 2d number- not crossing ten.		Dienes Place value counters
Subtract a 2d number from a 2d number- crossing ten.		Dienes Place value counters
Count backwards in halves from any number 10.		Pictorial fractions
Count in backwards quarters from any number to 10.		Pictorial fractions
Count in backwards thirds from any number to 10.		Pictorial fractions

Year 2 Multiplication Progression Grid

Key vocabulary:

lots of, groups of, equal, times, multiply, repeated addition, array, row, column, inverse

Progressive Key Skills	Method	Manipulatives/ Resources
Making equal groups		Counters Cubes
Adding equals groups	 	Counters Cubes
Multiplication sentences from pictures (introduce the symbol)	 	Counters Cubes
Arrays		Counters Stickers
2 times table facts		Counters

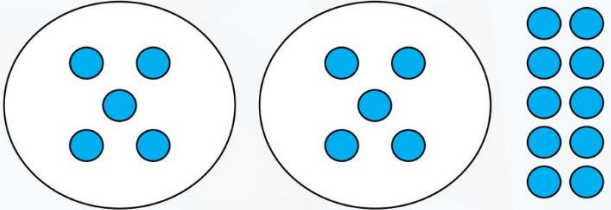
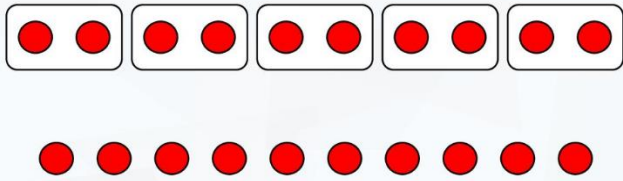
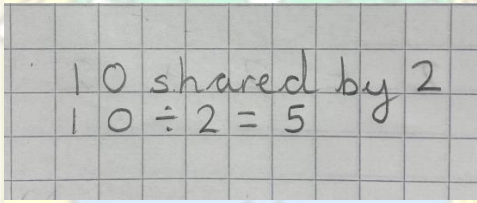
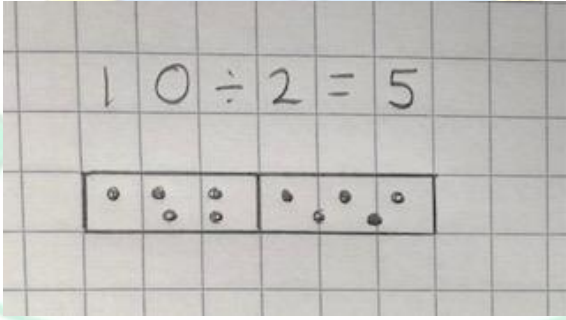
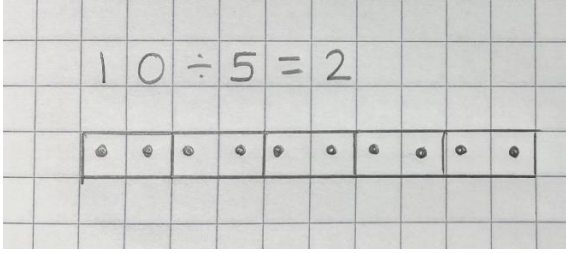
5 times table facts	$\begin{array}{l} 5 \times 5 = 25 \\ 8 \times 5 = 40 \\ 5 \times 3 = 15 \\ 5 \times 9 = 45 \end{array}$ $\begin{array}{l} 5 \times \quad = 15 \\ 5 \times \quad = 50 \\ \quad \times 5 = 25 \\ \quad \times 5 = 30 \end{array}$	Counters
10 times tables	$\begin{array}{l} 7 \times 10 = 70 \\ 2 \times 10 = 20 \\ 10 \times 3 = 30 \\ 10 \times 8 = 80 \end{array}$ $\begin{array}{l} 10 \times \quad = 90 \\ 10 \times \quad = 100 \\ \quad \times 10 = 50 \\ \quad \times 10 = 10 \end{array}$	Counters

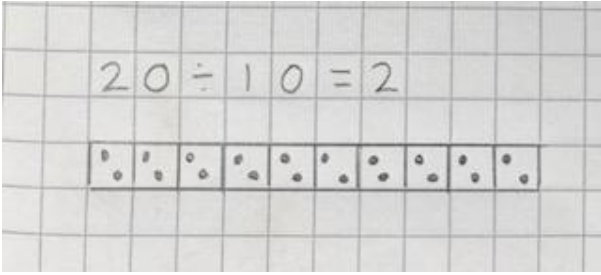


Year 2 Division Progression Grid

Key vocabulary:

share, share equally, equal groups of, divide, division

Progressive Key Skills	Method	Manipulatives/ Resources
Make equal groups – sharing	Share 10 counters between 2 equal groups. 	Counters Cubes
Make equal groups – grouping	There are 10 in total. There are 2 in each group. How many groups? <u>5</u> 	Counters Cubes
Introduce the division symbol		Counters
Divide by 2		Counters
Divide by 5		Counters

Divide by 10		Counters
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