

Addition

I can solve any 2 digit number + 2 digit number.

I can solve a 3 digit number + a 2 digit number

I can solve any 3 digit number + a 2 digit number

$$\begin{array}{rcl} 59 + 36 & = & 50 + 9 \\ & & 30 + 6 \\ \hline & & 80 + 15 = 95 \\ \hline \end{array}$$

$$123 + 34 = 100 + 20 + 3$$

$$\begin{array}{rcl} & & 30 + 4 \\ \hline & & 100 + 50 + 7 = 157 \\ \hline \end{array}$$

$$\begin{array}{rcl} 149 + 62 & = & 100 + 40 + 9 \\ & & 60 + 2 \\ \hline & & 100 + 100 + 11 = 211 \\ \hline \end{array}$$

Steps 1,2,3,4 from column methods

I can solve $2d + a\ 2d \longrightarrow$

$$\begin{array}{r} +\ 3\ 6 \\ \ 4\ 2 \\ \hline 7\ 8 \end{array}$$

I can solve any $2d + 2d \longrightarrow$

$$\begin{array}{r} 7\ 6 \\ 4\ 8 \\ \hline | \ 2\ 4 \\ \hline | \end{array}$$

I can solve a 3 digit add $2d$



$$\begin{array}{r} 4\ 4\ 2 \\ 3\ 6 \\ \hline 4\ 7\ 8 \end{array}$$

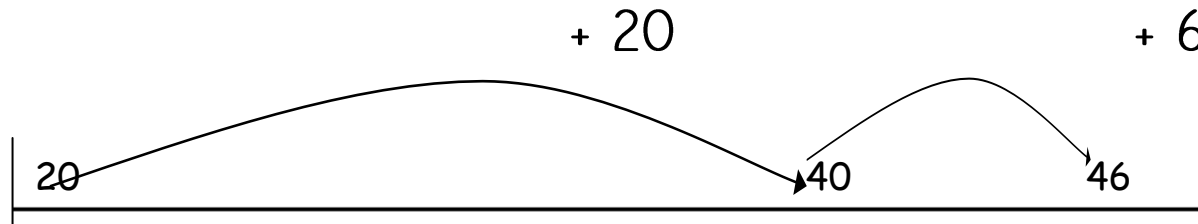
I can solve any 3d add 2d $\longrightarrow$

$$\begin{array}{r} 547 \\ 94 \\ \hline 641 \\ \hline \end{array}$$

Subtraction

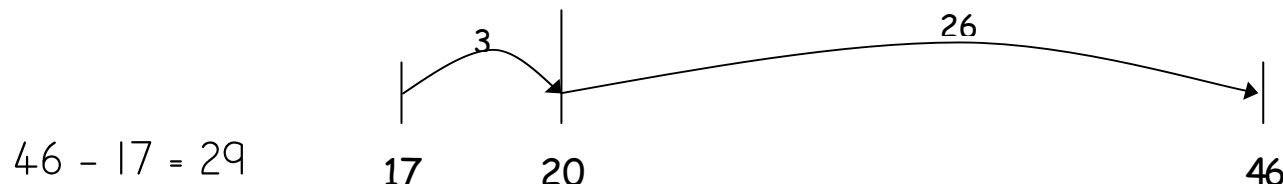
Mentally I can take a multiple of 10 from any 2 digit number.

$$46 - 20 =$$



1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Mentally I can find the 2 gaps in a 2 digit - 2 digit question.



$$46 - 17 = 29$$

Jump 1- Next ten Jump 2- Straight to the end

Steps 1-4 from column methods

I can solve a 2d-2d $\longrightarrow$

$$\begin{array}{r} 96 \\ - 42 \\ \hline 54 \\ \hline \end{array}$$

I can solve any 2d-2d $\longrightarrow$

$$\begin{array}{r} \cancel{6} \overline{) 16} \\ 4 \ 8 \\ \hline 2 \ 8 \\ \hline \end{array}$$

I can solve a 3d-2d $\longrightarrow$

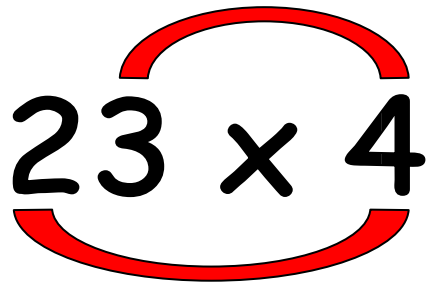
$$\begin{array}{r} 986 \\ 42 \\ \hline 944 \\ \hline \end{array}$$

I can solve any 3d-2d $\longrightarrow$

$$\begin{array}{r}
 8121 \\
 \cancel{4} \cancel{3} 1 \\
 \hline
 82 \\
 849
 \end{array}$$

Multiplication

I can solve a 2 digit number $\times$ a 1 digit number

$$23 \times 4$$


$$80 + 12 = 92$$

$$20 \times 4 = 80$$

$$3 \times 4 = 12$$

I can do any smile multiplication.

$$9 \times 60 = 540$$


54

$$80 \times 70 = 5600$$


56

I can use a formal written method

I can solve a 2d $\times$ 1d $\longrightarrow$

$$\begin{array}{r} 35 \\ \times 5 \\ \hline 175 \\ \hline 2 \end{array}$$

I can solve any 2d $\times$ 1d $\longrightarrow$

$$\begin{array}{r} 85 \\ \times 6 \\ \hline 510 \\ \hline 3 \end{array}$$

I can solve any 3d $\times$ 1d $\longrightarrow$

$$\begin{array}{r} 385 \\ \times 6 \\ \hline 2310 \\ \hline 53 \end{array}$$

Division

I can use a tables fact to find a division fact.

$$\text{If } 4 \times 8 = 32 \text{ then } 32 \div 8 = 4$$

* Children to use their knowledge of the Learn Its to support them with this *

I can use a tables fact to find a division fact (with remainders).

$$25 \div 7 = 3 \text{ r } 4$$

Write down the biggest multiple you can see in the starting number. 21

Write how many 'lots of' that is. 3

Write how many are left in the starting number to show your remainder. 4

I can use a formal written method

Steps 1-4

I can solve a 2d divided by 1d-no remainders in questions

—————→

$$\begin{array}{r} 23 \\ 3 \overline{) 69} \end{array}$$

I can solve a 2d divided by 1d-no remainders in answer

—————→

$$\begin{array}{r} 27 \\ 3 \overline{) 81} \end{array}$$

I can solve a 2d divided by 1d using any table-no remainders in answer

$$\longrightarrow \begin{array}{r} 14 \\ 6 \overline{) 84} \end{array}$$

I can solve a 3d divided by 1d -no remainders in answer

$$\longrightarrow \begin{array}{r} 042 \\ 7 \overline{) 294} \end{array}$$

Steps 5 -6

I can solve a 4d divided by a 1d-no remainders in answer

$$\longrightarrow \begin{array}{r} 0406 \\ 9 \overline{) 3654} \end{array}$$

I can solve any 2d divided by 1d with remainders

$$\longrightarrow \begin{array}{r} 083 \text{ r } 5 \\ \underline{6} \overline{) 503} \end{array}$$