LO: to add using the column method
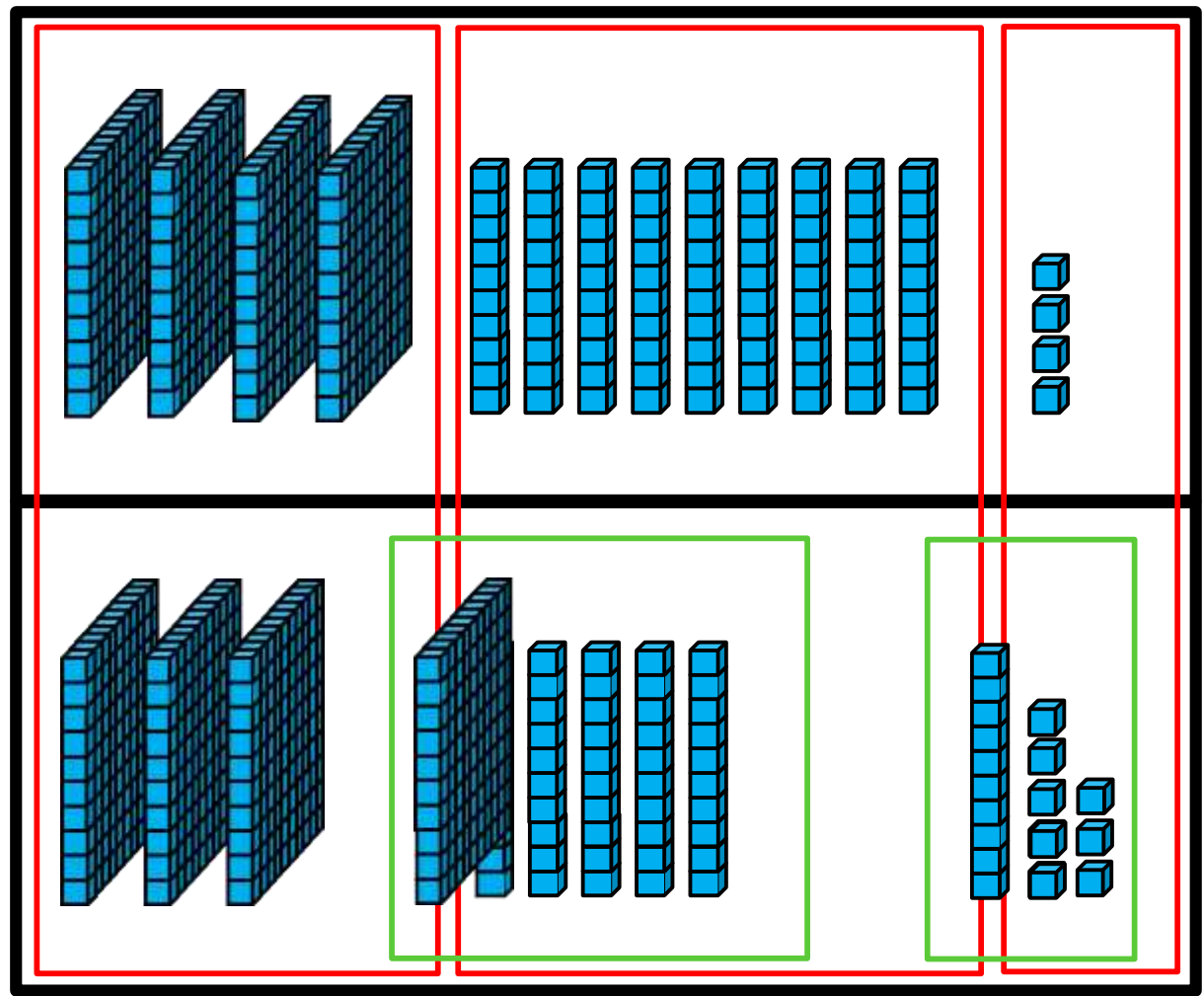
494
+ 358
___
852

1 1

852
2

$$673$$
$$+ 484$$
$$\overline{1157}$$

1

11557

7

579

\+ 422

1001

1 1 1

0001

1
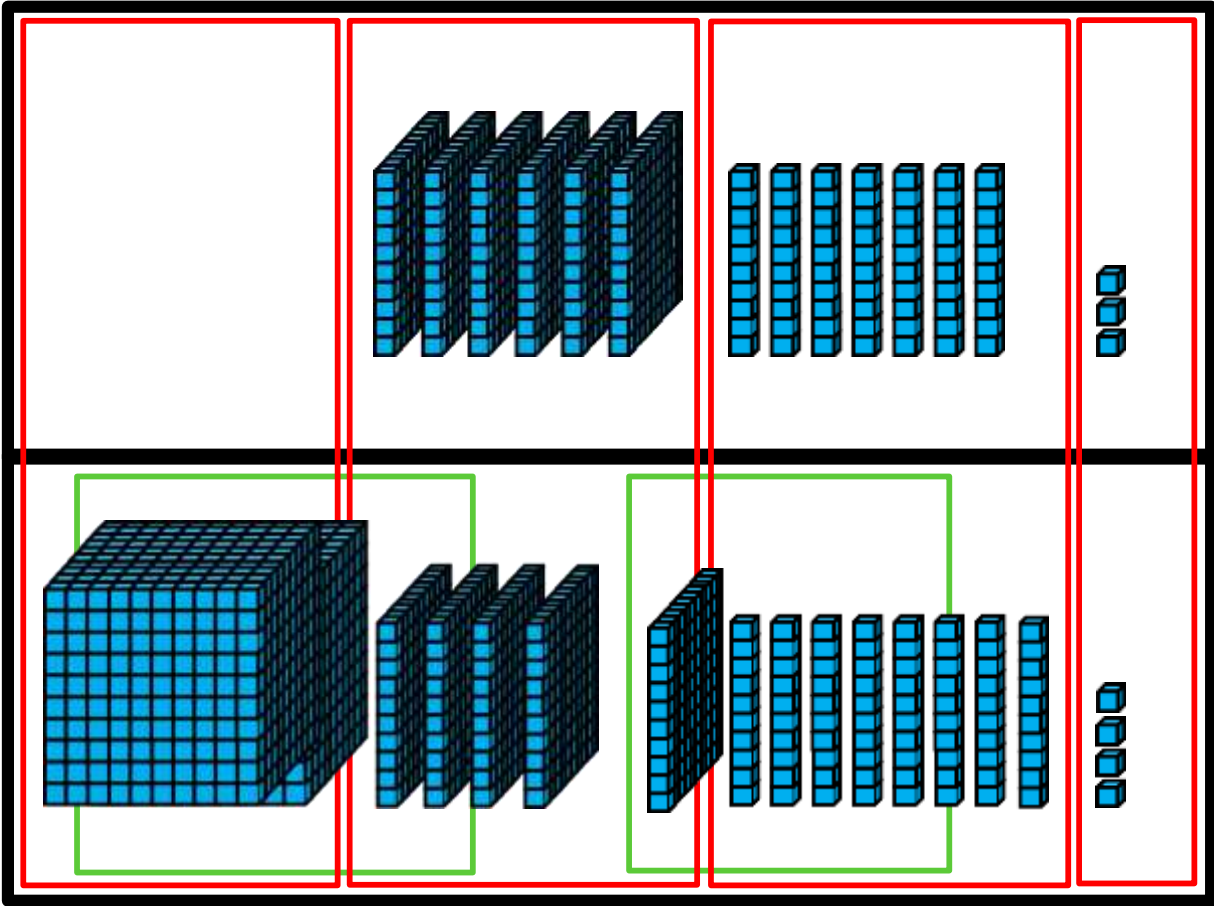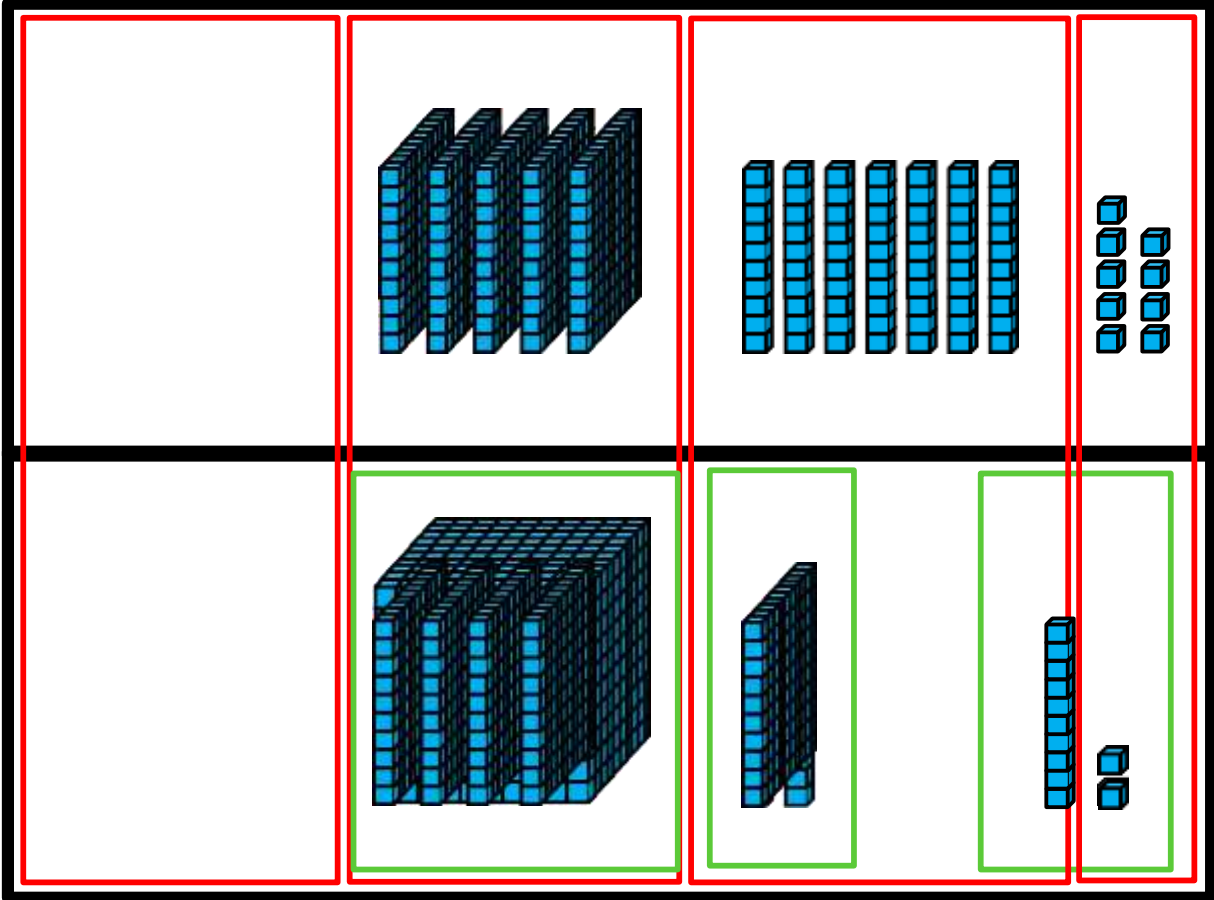
		[3]	[1]	[2]	[3]
314	348	179	133	370	389
+ 259	+ 143	+ 177	+ 497	+ 190	+ 326

[4]	[5]	[6]	[4]	[5]	[6]
321	326	299	351	190	374
+ 259	+ 475	+ 237	+ 267	+ 260	+ 457

[7]	[8]	[9]	[7]	[8]	[9]
338	373	296	465	276	272
+ 391	+ 103	+ 179	+ 198	+ 391	+ 225

[10]	[11]	[12]	[10]	[11]	[12]
281	197	274	348	156	362
+ 156	+ 408	+ 473	+ 141	+ 355	+ 425

Problems: Building Skills
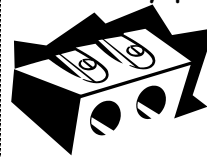**WALT: Solve one- and two-step +/- problems**

1.There were 17 books on a shelf and 15 books on another shelf. 9 books were taken by some children to read. How many books were left on both shelves?	2. A box of pencils holds 5 pencils when full. There are 2 full boxes of pencils. 4 pencils are then taken away to be used. How many pencils are left?
3. There are 26 sheep, 18 cows and 12 goats in a farmyard. How many animals are there all together?	4. There are 10 people in a classroom and 5 people come to join them. 7 people then go out to work in a group. How many people are left in the room?
5. There are 9 footballs in one bag and 14 footballs in another bag. 18 balls are used for practice. How many balls are *not* used?	6. 20 children were playing in the tree house. Half the children went out to play on the field. 4 more children went to play in the tree house. How many children are playing in the tree house now?

Y4 Challenge (Memorise 7 Times Table)

7x
1 x 7 = 7
2 x 7 = 14
3 x 7 = 21
4 x 7 = 28
5 x 7 = 35
6 x 7 = 42
7 x 7 = 49
8 x 7 = 56
9 x 7 = 63
10 x 7 = 70
11 x 7 = 77
12 x 7 = 84

X	1	2	3	4	5	6	7	8	9	10
1	1	2	3	4	5	6	7	8	9	10
2	2	4	6	8	10	12	14	16	18	20
3	3	6	9	12	15	18	21	24	27	30
4	4	8	12	16	20	24	28	32	36	40
5	5	10	15	20	25	30	35	40	45	50
6	6	12	18	24	30	36	42	48	54	60
7	7	14	21	28	35	42	49	56	63	70
8	8	16	24	32	40	48	56	64	72	80
9	9	18	27	36	45	54	63	72	81	90
10	10	20	30	40	50	60	70	80	90	100

Multiplying with 7

7x10	9x7	7x10	9x7	7x9	7x9	7x10	5x7	5x7	7x5
7x9	7x7	7x8	8x7	8x7	7x10	10x7	7x6	6x7	5x7
7x9	8x7	7x3	7x3	8x7	7x8	9x7	9x7	7x5	7x6
7x10	8x7	3x7	7x8	7x8	7x8	10x7	10x7	7x10	10x7
9x7	8x7	7x8	7x3	4x7	7x7	7x10	7x10	9x7	7x9
7x10	7x7	7x8	7x8	7x7	7x8	10x7	10x7	7x9	7x10
9x7	7x10	8x7	7x7	8x7	9x7	7x10	10x7	10x7	10x7
10x7	9x7	9x7	7x2	7x10	9x7	10x7	9x7	7x9	9x7
10x7	10x7	9x7	2x7	7x9	10x7	7x10	10x7	7x9	7x10
2x7	7x2	7x2	7x1	1x7	1x7	2x7	2x7	1x7	7x2

Colouring in by multiplication

Key:

7 or 14	Green
21 or 28	Black
35 or 42	Yellow
49 or 56	Red
63 or 70	Blue

R	Read	Read the question carefully.
U	Underline	Underline the keywords and numbers.
C	Calculations	Choose the correct operation(s) and mental or written method of calculation.
S	Solve	Solve it! Make sure you follow the steps.
A	Answer	Check you have answered the question. What did I have to find out?
C	Check	Check your answer. Can I use the inverse to check my working?

Next week we will use RUCSAC to solve worded problems.

R - read it (at least twice!)

U - underline important information

C - calculation - what calculation do you need to use?

S - solve the steps

A - answer the problem

C - check it - you can use inverse or a calculator to check your work.