

Once you have watched my video about column multiplication, have a go at the questions below for your year group. Use the visuals of the base 10 and place value counters to help you work through the column method. There are quite a lot of questions for each year group here, you don't have to complete them all but please try and work through at least a couple of sets – send your work into me so I can have a look at what you have been doing.

Year 3

There are 21 coloured balls on a snooker table.
How many coloured balls are there on 3 snooker tables?

Use Base 10 to calculate:
 21×4 and 33×3

Tens	Ones

Annie uses place value counters to work out 34×2

Tens	Ones

	T	O
	3	4
x		2
	6	8

Use Annie's method to solve:
 23×3
 32×3
 42×2

Jack uses Base 10 to calculate 24×4

Tens	Ones

	T	O
	2	4
x		4
	9	6

Use Jack's method to solve:
 13×4
 23×4
 26×3

Amir uses place value counters to calculate 16×4

Tens	Ones

	T	O
	1	6
x		4
	6	4

Use Amir's method to solve:
 16×6
 17×5
 28×3

Annie uses place value counters to work out 34×2

Tens		Ones				
10	10	10	1	1	1	1
10	10	10	1	1	1	1

	T	O
	3	4
×		2
	6	8

Use Annie's method to solve:

23×3

32×3

42×2

Ron also uses place value counters to calculate 5×34

Hundreds	Tens	Ones
	●●●	●●●●
	●●●	●●●●
	●●●	●●●●
	●●●	●●●●
	●●●	●●●●
●	●●	

	H	T	O
		3	4
×			5
	1	7	0
	1	2	

Use Ron's method to complete:

	T	O
	4	3
×		3

	T	O
	3	6
×		4

	T	O
	7	4
×		5

Here are three incorrect multiplications.

	T	O
	6	1
×		5
	3	5

	T	O	
	7	4	
×		7	
	4	9	8

	T	O	
	2	6	
×		4	
	8	2	4

Correct the multiplications.