

You are pretty good at your column multiplication now so now for some reasoning questions. If you still feel you could do with a little practice create your own column multiplications create your own.

Evie has calculated 21×4
Her answer is 804
Explain her mistake.

	T	O
	2	1
×		4
8	0	4



Complete the calculations to match the place value counters.

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

$$\square + \square + \square + \square = \square$$

$$\square \times \square = \square$$

Explain the mistake.

	H	T	O
		2	7
×			3
6	2		1



How close can you get to 100?
Use each digit card once in the
multiplication.




$$\square \square \times \square =$$

Dexter says,



$$4 \times 21 = 2 \times 42$$

Is Dexter correct?



I think if I work
out how many blue
cubes there are
first I can work out
how many there are
altogether!

There are 25 green cubes in a box.

There are 5 times as many blue cubes than
green cubes in the box.

How many cubes are there **altogether**?

Spot the mistake

Alex and Dexter have both completed the same multiplication.



Alex

	H	T	O
	2	3	4
×			6
1	2	0	4

2 2



Dexter

	H	T	O
	2	3	4
×			6
1	4	0	4

2 2

Who has the correct answer?

What mistake has been made by one of the children?

Teddy and his mum were having a reading competition.

In one month, Teddy read 814 pages.



His mum read 4 times as many pages as Teddy.

How many pages did they read altogether?

How many fewer pages did Teddy read?

Use the bar model to help.

Teddy

814

Mum

814	814	814	814
-----	-----	-----	-----