LO: Y3 - I can multiply a 2-digit number by a 1-digit number / Y4 - I can multiply a 2-digit or 3-digit number by a 1-digit number.

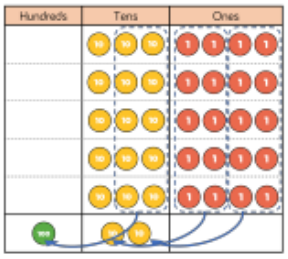
Use the skills that you learned yesterday, doing the column method for multiplication, to have a go at these problems. The same principle of carrying applies to 3-digit numbers as it does to 2-digit numbers.

Year 3

If you have not finished all of the questions from yesterday then you can carry on with them to practise your column multiplication skills – there is no expectation at year 3 of being able to multiply a 3-digit number by a 1-digit number. I have given you another set of questions if you want a challenge and a couple of reasoning and problem solving questions. *If you want a real challenge – have a go at the year 4 questions!*

1.

Amir then calculates 5 × 34



	T	O
	3	4
×		5
1	7	0

1 2

Use Amir's method to solve:
36 × 6
48 × 4

2.

Explain the mistake.

H	T	O
	2	7
×		3
6	2	1

3.

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

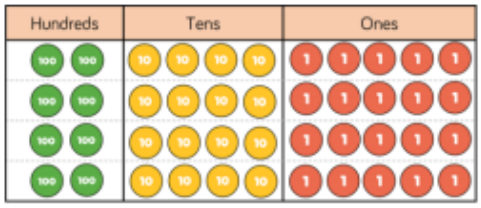
2 3 4

□□ × □ =

Year 4

1.

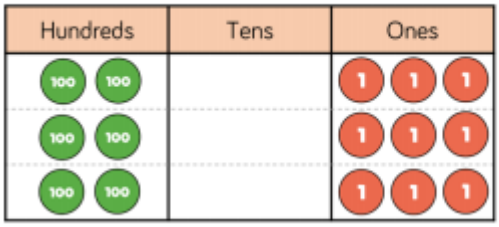
A school has 4 house teams.
There are 245 children in each house team.
How many children are there altogether?



	H	T	O
	2	4	5
×			4

2.

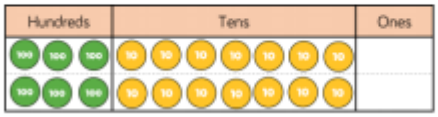
Complete the calculation.



	H	T	O
	2	0	3
×			3

3.

Write the multiplication represented by the counters and calculate the answer using the formal written method.



4.

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	

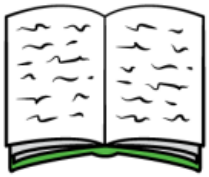
Dexter

	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?

5.

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.