

LO: Multiply 3 Digit by 1 Digit

## Practice

Complete the calculation.

Hundreds	Tens	Ones
100 100		1 1 1
100 100		1 1 1
100 100		1 1 1

	H	T	O
	2	0	3
x			3

A school has 4 house teams.

There are 245 children in each house team.

How many children are there altogether?

Hundreds	Tens	Ones
100 100	10 10 10 10	1 1 1 1 1
100 100	10 10 10 10	1 1 1 1 1
100 100	10 10 10 10	1 1 1 1 1
100 100	10 10 10 10	1 1 1 1 1

	H	T	O
	2	4	5
x			4

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

Hundreds	Tens	Ones
100 100 100	10 10 10 10 10 10 10 10	
100 100 100	10 10 10 10 10 10 10 10	

## Reasoning

### Spot the mistake

Alex and Dexter have both completed the same multiplication.



Alex

	H	T	O
	2	3	4
x			6
	1	2	0

2 2



Dexter

	H	T	O
	2	3	4
x			6
	1	4	0

2 2

Who has the correct answer?

What mistake has been made by one of the children?

## Problem Solving

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