15.07.21

LO: To multiply

Starter

True or False?

Tommy has 8 boxes of cakes with 24 cakes in each box.
Eva has 4 boxes with 48 cakes in each box.

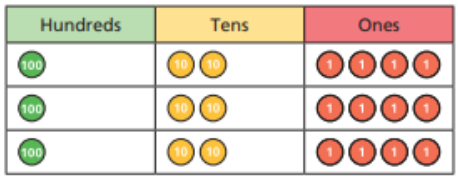
They have the same number of cakes.

I do/We do

Silent teacher

You do

1 Filip uses a place value chart to help him multiply a 3-digit number by a 1-digit number.



a) What multiplication is Filip working out?

b) What is the answer to Filip's multiplication?

2 Use place value counters to complete the multiplications.

a) 3 × 213

b) 4 × 216

c) 5 × 106

d) 6 × 106

e) 4 × 209

f) 317 × 3

I do/We do

Silent teacher

We do

Write down 3 rules that explain how to use the column method for multiplication.

You do

3 Complete the multiplication.

Use the place value chart to help you.

H	T	O
100 100	10	1 1 1 1 1
100 100	10	1 1 1 1 1
100 100	10	1 1 1 1 1

	H	T	O
	2	1	5
×			3

4 Work out the multiplications.

a)

	H	T	O
	2	1	7
×			4

b)

	H	T	O
	4	3	9
×			2

c)

	H	T	O
	1	0	8
×			6

d) 163 × 5 **e)** 3 × 240 **f)** 7 × 131

5 A lorry driver travels 156 km per day.

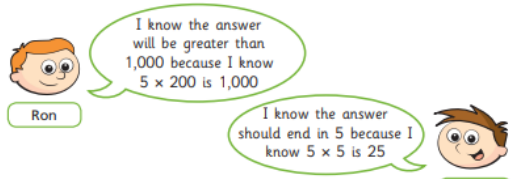
How many kilometres will the lorry driver have travelled after 3 days?

I do/We do

Silent teacher

You do

6 Ron and Teddy are working out 5 × 245



a) Who is correct?

Ron **Teddy** **both** **neither**

b) Use a written method to work out 5 × 245

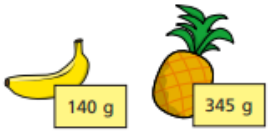
7 There are 7 year groups in a school.

There are 112 children in each year group.

How many children are there in the whole school?

8 A banana weighs 140 g

A pineapple weighs 345 g



Bag **A** contains 8 bananas and bag **B** contains 3 pineapples.

Which bag weighs more and by how much?

Show your working.