

Multiply a 3-digit number by a 1-digit number

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

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

- a) What multiplication is Filip working out?
b) What is the answer to Filip's multiplication?

- 2 Use place value counters to work out the multiplications.

- a) 3×213 d) 6×106
b) 4×216 e) 4×209
c) 5×106 f) 317×3

- 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
\times		3

- 4 Work out the multiplications.

a)

H	T	O
2	1	7
\times		4

c)

H	T	O
1	0	8
\times		6

b)

H	T	O
4	3	9
\times		2

- d) 163×5
e) 3×240
f) 7×131

- 5 Ron and Teddy are working out 5×245



Ron

I know the answer will be greater than 1,000 because I know 5×200 is 1,000

I know the answer should end in 5 because I know 5×5 is 25



Teddy

- a) Who is correct?
b) Use a written method to work out 5×245

Multiply a 3-digit number by a 1-digit number

4 Work out the multiplications.

a)

		H	T	O
		2	1	7
	x			4
		<hr/>		
		<hr/>		

c)

		H	T	O
		1	0	8
	x			6
		<hr/>		
		<hr/>		

b)

		H	T	O
		4	3	9
	x			2
		<hr/>		
		<hr/>		

d) 163×5

e) 3×240

f) 7×131

5 Ron and Teddy are working out 5×245



Ron

I know the answer will be greater than 1,000 because I know 5×200 is 1,000



Teddy

I know the answer should end in 5 because I know 5×5 is 25

a) Who is correct?

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

6 A lorry driver travels 156 km per day.

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

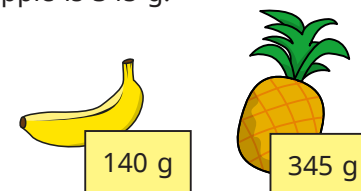
7 There are 7 year groups in a school.

There are 112 children in each year group.

How many children are there in the whole school?

8 The mass of a banana is 140 g.

The mass of a pineapple is 345 g.



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

Which bag is heavier and by how much?