

# 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?

$$\square \times \square$$

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

2 Use place value counters to complete the multiplications.

a)  $3 \times 213 =$

d)  $6 \times 106 =$

b)  $4 \times 216 =$

e)  $4 \times 209 =$

c)  $5 \times 106 =$

f)  $317 \times 3 =$



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
<hr/>			
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4 Complete the multiplications.

a)

	H	T	O
	2	1	7
$\times$			4
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<hr/>			

c)

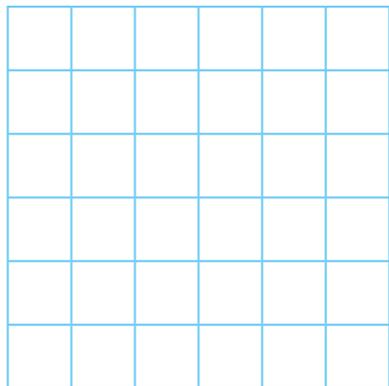
	H	T	O
	1	0	8
$\times$			6
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b)

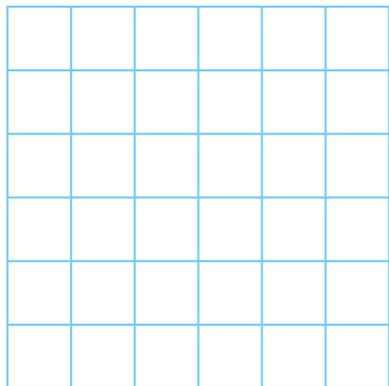
	H	T	O
	4	3	9
$\times$			2
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d)  $163 \times 5$

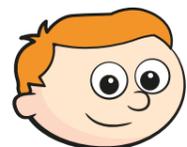

e)  $3 \times 240$



f)  $7 \times 131$



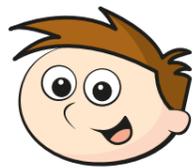
5 Ron and Teddy are working out  $5 \times 245$



Ron

I know the answer will be greater than 1,000 because I know  $5 \times 200$  is 1,000

I know the answer should end in 5 because I know  $5 \times 5$  is 25



Teddy

a) Who is correct? Circle your answer.

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

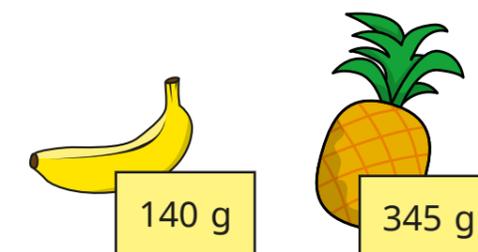
b) Use a written method to work out  $5 \times 245$



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?

Bag \_\_\_\_\_ is  g heavier than bag \_\_\_\_\_

