

Sheet 6 - Multiply 3-digits by 1-digit



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) $3 \times 213 = \square$

d) $6 \times 106 = \square$

b) $4 \times 216 = \square$

e) $4 \times 209 = \square$

c) $5 \times 106 = \square$

f) $317 \times 3 = \square$



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/>			
<hr/>			

4 Complete the multiplications.

a)

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

c)

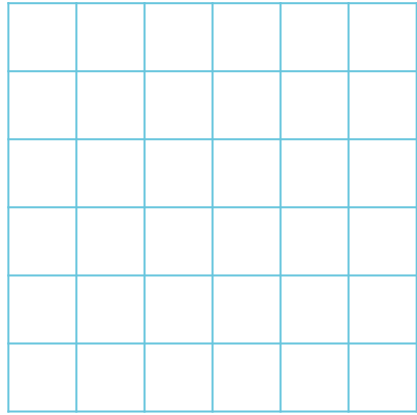
	H	T	O
	1	0	8
\times			6
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<hr/>			

b)

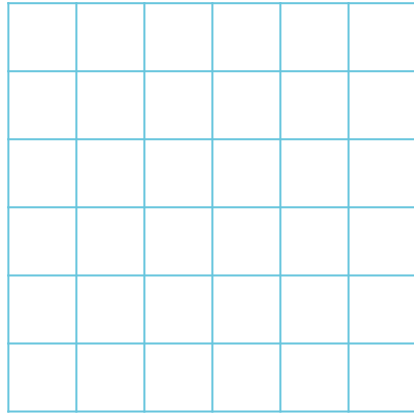
	H	T	O
	4	3	9
\times			2
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d) 163×5

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?

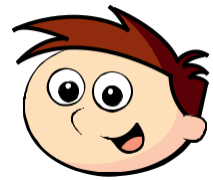
6 Ron and Teddy are working out 5×245



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? Circle your answer.

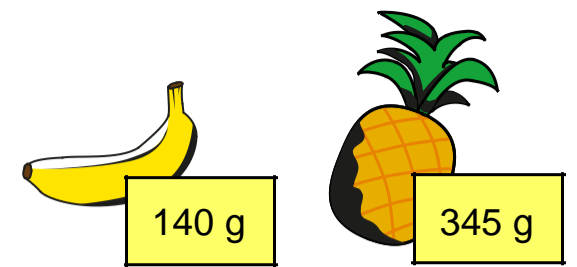
Ron Teddy both neither



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.

Bag _____ weighs g more than bag _____.