

Multiply 3-digits by 1-digit

- I 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	
	x			3	

4 Complete the multiplications.

a)

		H	T	O	
		2	1	7	
	x			4	

b)

		H	T	O	
		4	3	9	
	x			2	

4

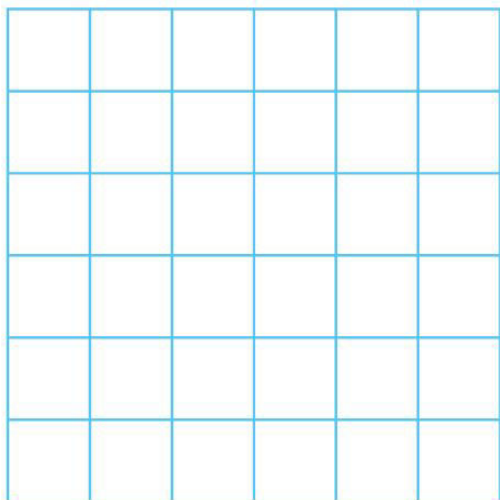
c)

		H	T	O	
		1	0	8	
	x			6	
		—————			
		—————			

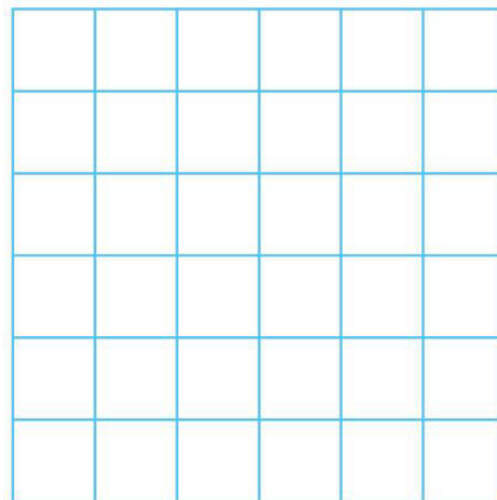
d) 163×5

4

e) 3×240



f) 7×131



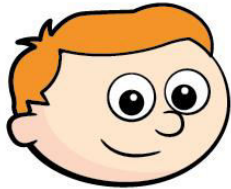
5 A lorry driver travels 156 km per day.

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



6

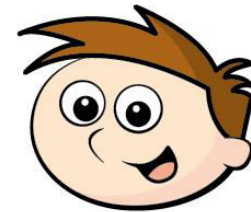
Ron and Teddy are working out 5×245



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.

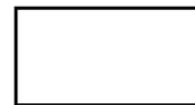
Ron

Teddy

both

neither

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

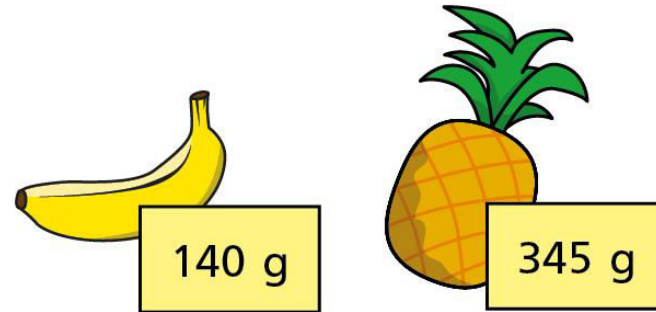


- 7 There are 7 year groups in a school.
There are 112 children in each year group.
How many children are there in the whole school?

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 _____.