## Lesson 8: Friday 15th Jan Multiply 3 digits by 1 digit

Spring Term: Block 1

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

Hundreds	Tens	Ones
100	000	0000
100	10 10	0000
100	10 10	0000

a) What multiplication is Filip working	out?
---	------

×	
×	

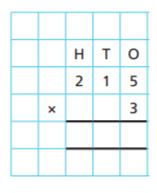
b) What is the answer to Filip's multiplication?

2

Complete the multiplication.

Use the place value chart to help you.

Н	Т	0
100 100	100	000
100 100	100	000
100 100	100	000





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



a) Who is correct? Circle your answer.

Ron Teddy both neither

## **Challenge:**

A lorry driver travels 156 km per day.

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

## <u>Answers – Purple Pen Only!</u>

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	
100	10 10	
100	10 10	

a) What multiplication is Filip working out?



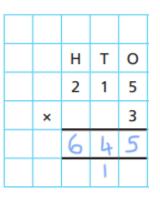
b) What is the answer to Filip's multiplication?



Complete the multiplication.

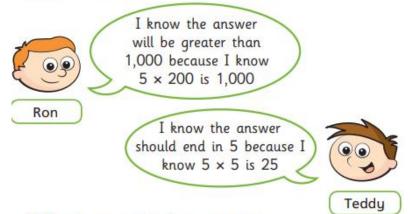
Use the place value chart to help you.

Н	Т	0
100 100	100	
100 100	10	000
100 100	10	000





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



a) Who is correct? Circle your answer.

Ron Teddy both neither

## **Challenge:**

A lorry driver travels 156 km per day.

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

