

Lesson 8: Friday 15th Jan

Multiply 3 digits by 1 digit

Spring Term: Block 1

- 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

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
	×			3

3

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? 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?

Answers – Purple Pen Only!

- 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?

$$\boxed{124} \times \boxed{3}$$

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

372

- 2 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
		6	4	5
			1	

3

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

Challenge:

A lorry driver travels 156 km per day.

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

468km