

LO: to multiply 3 digit by 1 digit



<https://vimeo.com/492456871>

Watch up to 3 mins then pause and move onto the next slide.



- 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 Use place value counters to complete the multiplications.
- a) 3×213

b) 4×216

c) 5×106
- d) 6×106

e) 4×209

f) 317×3

you
do

we
do

Let's check answers

- 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?

$$\boxed{372}$$

- 2 Use place value counters to complete the multiplications.

a) $3 \times 213 = \boxed{639}$

d) $6 \times 106 = \boxed{636}$

b) $4 \times 216 = \boxed{864}$

e) $4 \times 209 = \boxed{836}$

c) $5 \times 106 = \boxed{530}$

f) $317 \times 3 = \boxed{951}$

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Watch the rest from 3 mins to the end then move onto the next slide



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

you
do

4 Work out the multiplications.

a)

	H	T	O
	2	1	7
x			4

b)

	H	T	O
	4	3	9
x			2

c)

	H	T	O
	1	0	8
x			6

d) 163×5

e) 3×240

f) 7×131

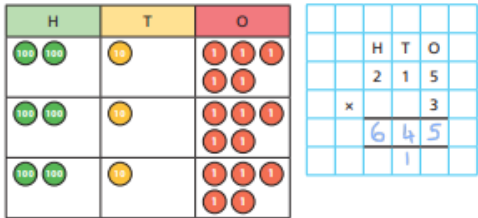
5 A lorry driver travels 156 km per day.

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

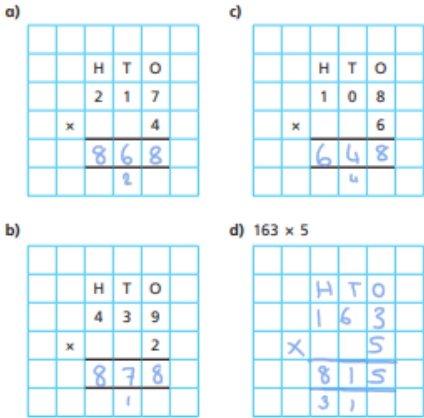
we
do

Let's check answers

- 3 Complete the multiplication.
Use the place value chart to help you.



- 4 Complete the multiplications.



- 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?

468km