

Mrs W's Maths 12 ANSWERS

Multiplying 3-digits by 1-digit revision of written methods

- 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?

$$\square \times \square$$

$$124 \times 3$$

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

$$\square$$

$$372$$

- 2 Use this written method to calculate $240 \times 3 =$

$$\begin{array}{r} 215 \\ \times 3 \\ \hline 645 \\ 1 \end{array}$$

$$\begin{array}{r} 240 \\ \times 3 \\ \hline 720 \\ 1 \end{array}$$

- 3 Have a go at calculating these.

a) $3 \times 213 = 639$

d) $6 \times 106 = 636$

b) $4 \times 216 = 864$

e) $4 \times 209 = 836$

c) $5 \times 106 = 530$

f) $317 \times 3 = 951$

4 Challenge

A train driver travels 156km a day.

How many kilometres will he travel in 3 days?

$$156\text{km} \times 3 = 468\text{km}$$

How many kilometres will he travel in 5 days?

$$156\text{km} \times 5 = 780\text{km}$$

5 Challenge

There are seven classes in a school.

There are 112 children in each year.

How many children are in the school? $112 \times 7 = 784$ children



"I TOLD YOU I KNEW WHAT NINE SEVENS IS..."