

L.O. to multiply a 3 digit number by a one digit number using a written method

Warm up

6×100	$17 \times 100 =$	$84 \times 100 =$	$?? \times 10 = 700$	$?? \times 100 = 8900$
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1) Complete the multiplication calculations using both the grid method AND the formal written method.

Please write these questions onto paper. Do not try to do them on this sheet because I haven't drawn all the grids for you.

If your answers are not the same – DO THE CALCULATIONS AGAIN!!

$$\begin{array}{r} 725 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 743 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 607 \\ \times 9 \\ \hline \end{array}$$

x			

Choose which method you would like to calculate the answers to these questions.

2) $435 \times 5 =$

$354 \times 3 =$

$279 \times 4 =$

2) A lorry driver travelled 253 miles a day. How far did he travel in 4 days?



3) A banana weighs 174g. Bananas come in bunches (they are actually called hands!) How much would bunch of bananas weigh if there were 5 bananas in each bunch?



4) Mr McNeil uses 375ml of paint to paint each wall of our classroom. How much paint would he need for all 4 walls?



5)

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?

Ron

Teddy

both

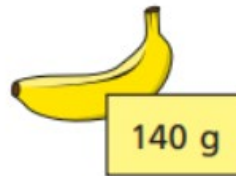
neither

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

6)

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.