

12.1.21

Multiplication and Division

Learning Objective:

We are learning to multiply a 3 digit number by a 2 digit number.

I will be successful if:

- I can set out my calculation correctly, remembering to add the zero.
- I can use times tables facts to help solve calculations.
- I can discuss my method.

Key Vocabulary

multiplication

exchanging

multiple groups of 10

product

value

digit

Flashback 4

Year 5 | Week 2 | Day 2



- 1) Work out 24×13
- 2) A bus carries 46 passengers.
There are 3 full buses.
How many passengers in total?
- 3) What is $150 \div 3$?
- 4) What is $1,500 \div 3$?

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Challenge - Can you convert these Roman Numerals?

5) MMXI

6) LXXXIX

7) XCV

8) MDLXX

Flashback 4

Year 5 | Week 2 | Day 2



- 1) Work out 24×13 **312**
- 2) A bus carries 46 passengers.
There are 3 full buses. **138**
How many passengers in total?
- 3) What is $150 \div 3$? **50**
- 4) What is $1,500 \div 3$? **500**



Challenge

5) 2011

6) 89

7) 95

8) 1570

Recap from yesterday:

$$327 \times 29 =$$

$$\begin{array}{r} 327 \\ \times 29 \\ \hline \\ \hline \\ \hline \\ \hline \end{array}$$

Can you explain each of the steps to complete this calculation?

Have a go completing these now. Don't forget your zero!

$$\begin{array}{r} 629 \\ \times \quad 7 \\ \hline \\ \hline \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 346 \\ \times \quad 8 \\ \hline \\ \hline \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 529 \\ \times \quad 9 \\ \hline \\ \hline \\ \hline \\ \hline \end{array}$$

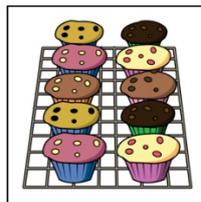
Have a go at solving this problem:

Mo orders muffins for a party.
He orders 12 of box A, 20 of box B and 14 of box C.
How many muffins does Mo order?

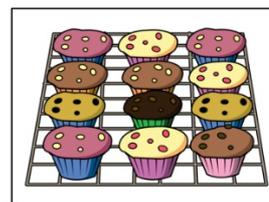
Box A



Box B



Box C



How many muffins does Mo order? 380

Each muffin costs 24p. How much does Mo spend on muffins?

	Th	H	T	O
		3	8	0
×			2	4
<hr/>				
+				
<hr/>				

Have a think



Don't forget to give your answer in pounds and pence.

11.1.21

Have a go at the calculations on the worksheet attached.

Prove it!

True or False ?

Multiply 3-digits by 2-digits

$$647 \times 43 = 647 \times 3 + 647 \times 40$$

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