

LO: To be able to multiply 2-digits by 1-digit. (Y3)

LO: To be able to multiply 3-digits by 1-digit. (Y4)

Today Y4 children will be moving onto multiplying 3-digits by 1-digit. Y3 children will move onto using column multiplication only to multiply 2-digits and 1-digits.

Warm up!
Quick maths!

$$40,000 + 7,000 + 600 + 7 = \boxed{}$$

$$6,000 + 50 + 300 + 1 = \boxed{}$$

$$5,000 + 200 + \boxed{} = 5,280$$

$$30,000 + 900 + 3 + \boxed{} = 36,905$$

Recap –

What multiplication is the place value chart showing?

Tens	Ones
	
	

Can you work out the answer using column multiplication? Use the counters to help you if you need to.

**Recap –
What multiplication is the place value chart showing?**

Tens	Ones
	
	

4 tens = 40

6 one = 6

	2	3
x		2
	4	6

Were you correct?

Can you try this one?

Remember start with the ones column. Then move onto the tens column. You may need to carry.

	2	4
x		4

Can you try this one?

Remember start with the ones column. Then move onto the tens column. You may need to carry.

The image shows a base ten block model on the left and a multiplication grid on the right. The base ten blocks are arranged in a 4x2 grid. The top two columns are labeled 'Tens' and 'Ones'. The 'Tens' column contains four yellow blocks, each labeled '10'. The 'Ones' column contains sixteen red blocks, each labeled '1'. A green box highlights the sixteen red blocks in the 'Ones' column. A green arrow points from this box to a single yellow '10' block below the 'Tens' column, indicating the exchange of ten ones for one ten. The multiplication grid on the right shows the calculation 24×4 . The first row contains the numbers 2 and 4. The second row contains a multiplication sign and the numbers 1 and 4. The third row contains the products 9 and 6. The numbers 1, 9, and 6 are highlighted in green.

	Tens	Ones
	10 10	1 1 1 1
	10 10	1 1 1 1
	10 10	1 1 1 1
	10 10	1 1 1 1

	2	4
×	1	4
	9	6

We can exchange 10 ones for 1 ten. Or in column method, we have to carry the 10 over.

Your turn,

Using column multiplication, can you solve these calculations?

As usual Year 3, if you have finished yours you can attempt Year 4.

Year 3

	3	7
x		5

Year 4

	H	T	O
	2	4	2
x			4

**Year 3's you can now start your worksheet.
Feel free to try the challenge below.**

**Year 4's you can try the challenge below, then start
your worksheet.**

$362 \times 5 =$

$559 \times 7 =$