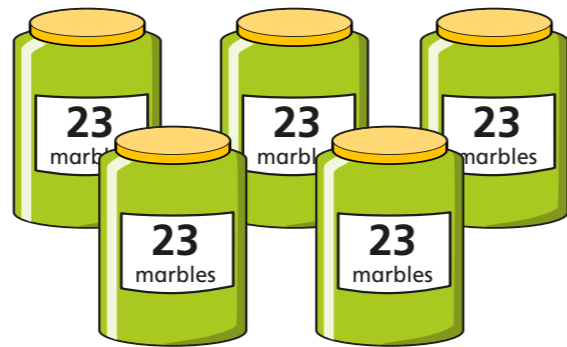


# Multiply 2-digits by 1-digit (2)

- 1 There are 23 marbles in a jar.  
There are 5 jars.



Tens	Ones

How many marbles are there in total?

$$5 \times 3 \text{ ones} = 15$$

$$5 \times 2 \text{ tens} = 100$$

$$15 + 100 = 115$$

$$5 \times 23 = 115$$

There are 115 marbles in total.

- 2 Work out  $4 \times 15$

Tens	Ones

$$4 \times 5 = 20$$

$$4 \times 10 = 40$$

$$4 \times 15 = 60$$

- 3 Complete the multiplications.

$$\text{a) } 4 \times 24 = 96$$

$$\text{b) } 3 \times 17 = 51$$

$$\text{c) } 3 \times 25 = 75$$

$$\text{d) } 34 \times 4 = 136$$

- 4 Complete the column multiplications.

Tens	Ones

		T	O	
		2	4	
	x		3	
		<u>72</u>		
		1		

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

		T	O	
		3	5	
	x		4	
		1	4	0
			2	

5 Work out the multiplications.

a)  $25 \times 5$

		T	O	
		2	5	
	x		5	
		1	2	5
			2	

c)  $5 \times 26$

		T	O	
		2	6	
	x		5	
		1	3	0
			3	

b)  $35 \times 6$

		T	O	
		3	5	
	x		6	
		2	1	0
			3	

d)  $4 \times 36$

		T	O	
		3	6	
	x		4	
		1	4	4
			2	



6 Tommy works out  $37 \times 2$

		T	O	
		3	7	
	x		2	
		6	1	4

		T	O	
		3	7	
	x		2	
		7	4	
			1	

What mistake has Tommy made? Work out the correct answer.

7 Find the missing numbers.

		2	2	
	x		4	
		8	8	

		3	1	
	x		4	
		1	2	4

8 Here are some digit cards. 1 2 3 4 5 8

a) Use the digit cards to create a multiplication and work out the answer.

E.g. 3 2  $\times$  5 = 160

b) Work with a partner to find calculations that have:

- an odd product
- an even product
- an exchange in the ones column
- an exchange in the ones and tens columns.