

Multiply 2-digits by 1-digit (1)

- 1** Ron, Eva and Mo each have 23 marbles.

Tens	Ones
	
	
	

How many marbles are there in total?

$$3 \times 3 \text{ ones} = \boxed{}$$

$$3 \times 2 \text{ tens} =$$

$$\square + \square = \square$$

$3 \times 23 =$

There are marbles in total.

- 2** Use the place value chart to work out 2×24 . Complete the multiplication sentences.

Tens	Ones
10 10	1 1 1 1
6 6	1 1 1 1

2 × 4 =

2 × 20 =

2 × 24 =

- 3 Annie works out $43 \times 2 = 86$

Tens					Ones				
0	10	10	10	10	1	1	1	1	
0	0	0	0	0	1	1	1	1	

Talk about Annie's methods with a partner.
What is the same? What is different?

- 4** Complete the multiplications.

a)

		T	O		
		2	4		
				x	
			2		

b)

		T	O		
		4	4		
				x	
			2		

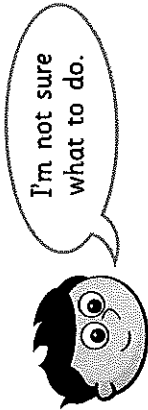
c) 31×3

d) 42×2

Compare answers with a partner.

5 Jack is trying to work out 34×2 using the column method.

			2		
			3	4	
			x		



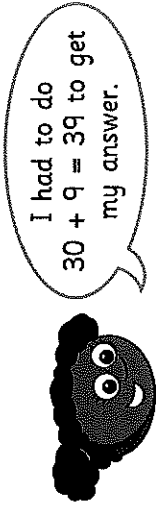
Show how Jack could improve his column method and work out the answer.

6 One toaster costs £32

How much do 3 toasters cost?



7 Whitney has multiplied a 2-digit number by a 1-digit number.



What numbers is Whitney multiplying?

Fill in the missing digits.

		x			
			3	9	

8 Filip used the column method to work out 41×2

			4	1	
			x	2	



a) How do you think Eva will work this out in her head?

b) Tick the multiplications that you can work out in your head.

4×22

3×23

3×33

12×4

3×32

4×20