


# 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?

$$3 \times 3 \text{ ones} = \boxed{9}$$

$$3 \times 2 \text{ tens} = \boxed{60}$$





$$\boxed{9} + \boxed{60} = \boxed{69}$$

$$3 \times 23 = \boxed{69}$$

There are  $\boxed{69}$  marbles in total.



2 Use the place value chart to work out  $2 \times 24$   
Complete the multiplication sentences.





Tens	Ones
	
	

$$2 \times 4 = \boxed{8}$$

$$2 \times 20 = \boxed{40}$$

$$2 \times 24 = \boxed{48}$$

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

Tens	Ones
	
	

		T	O	
		4	3	
	x		2	
		8	6	

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	
		4	8	

b)

		T	O	
		4	4	
	x		2	
		8	8	

c)  $31 \times 3$

		T	O	
		3	1	
	x		3	
		<hr/>		
		9	3	
		<hr/>		

d)  $42 \times 2$

		T	O	
		4	2	
	x		2	
		<hr/>		
		8	4	
		<hr/>		

Compare answers with a partner.



- 5 Jack is trying to work out  $34 \times 2$  using the column method.



I'm not sure what to do.

			2	
	x	3	4	
		<hr/>		
		<hr/>		

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

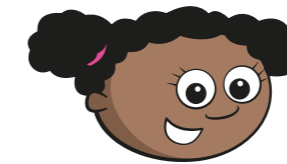
		3	4	
	x		2	
		<hr/>		
		6	8	
		<hr/>		

- 6 One toaster costs £32  
How much do 3 toasters cost?



£96

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



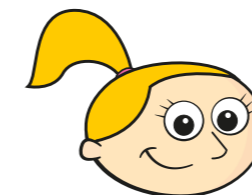
I had to do  $30 + 9 = 39$  to get my answer.

What numbers is Whitney multiplying?

Fill in the missing digits.

		1	3	
	x		3	
		<hr/>		
		3	9	
		<hr/>		

- 8 Filip used the column method to work out  $41 \times 2$



I can work this multiplication out in my head.

		4	1	
	x		2	
		<hr/>		
		<hr/>		

- 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. *Various answers.*

$4 \times 22$

$3 \times 23$

$3 \times 33$

$12 \times 4$

$3 \times 32$

$4 \times 20$

