







LI: Can I multiply 2-digits by
1-digit (no regrouping)?

Please watch the following
teaching video (you will need
sound):

<https://vimeo.com/486513593>





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

Tens	Ones
	
	
	





How many marbles are there in total?

- 2 Use the place value chart to work out 2×24

Complete the multiplication sentences.

Tens	Ones
	
	

- 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

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.



I'm not sure what to do.

	T	O
		2
x	3	4

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

- 6 One toaster costs £32

How much do 3 toasters cost?



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.



I'm not sure what to do.

			2	
	x	3	4	

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.



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

What numbers is Whitney multiplying?

Fill in the missing digits.

	x			
		3	9	

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



I can work this multiplication out in my head.

		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

The following slides have
the answers that you can
check your work.

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?

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

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

$9 + 60 = 69$

$3 \times 23 = 69$

There are 69 marbles in total.

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

Tens	Ones

$2 \times 4 = 8$

$2 \times 20 = 40$

$2 \times 24 = 48$

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

Tens	Ones

	T	O	
	4	3	
	x	2	
	<u>8</u>	<u>6</u>	

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	
	<u>4</u>	<u>8</u>	

b)

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

c) 31×3

		T	0
		3	1
	x		3
		9	3

d) 42×2

		T	0
		4	2
	x		2
		8	4

Compare answers with a partner.

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



I'm not sure what to do.

			2
	x	3	4

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

		3	4
	x		2
		6	8

- 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
		3	9

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



I can work this multiplication out in my head.

		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. *Various answers.*

4×22

3×23

3×33

12×4

3×32

4×20