

LI: Can I multiply 2-digits by
1-digit (with regrouping)?

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

<https://vimeo.com/489850121>

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



Tens	Ones

How many marbles are there in total?

- 2 Work out 4×15

Tens	Ones

- 3 Complete the multiplications.

a) 4×24

b) 3×17

c) 3×25

d) 34×4



- 4 Complete the column multiplications.

Tens	Ones

		T	O	
		2	4	
	x		3	

Tens	Ones

		T	O	
		3	5	
	x		4	

- 5 Work out the multiplications.

a) 25×5

b) 35×6

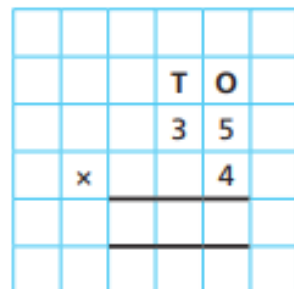
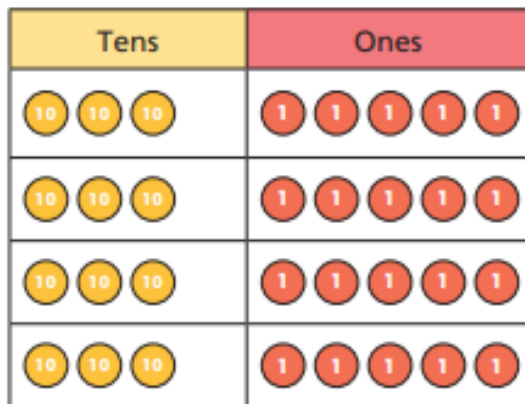
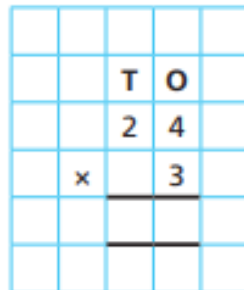
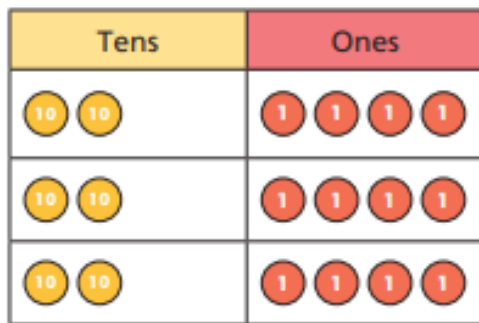
		T	O	
		2	5	
	x		5	

		T	O	
		3	5	
	x		6	

c) 5×26

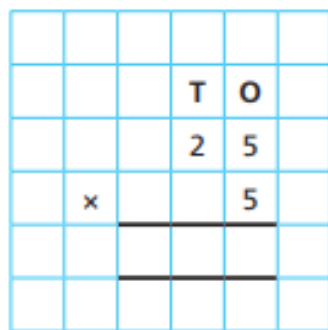
d) 4×36

4 Complete the column multiplications.

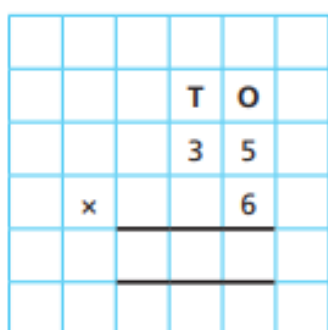


5 Work out the multiplications.

a) 25×5



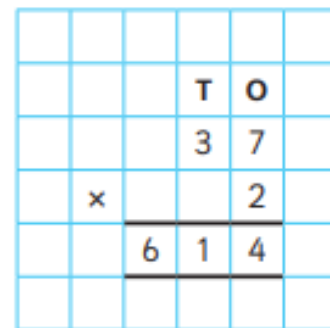
b) 35×6



c) 5×26

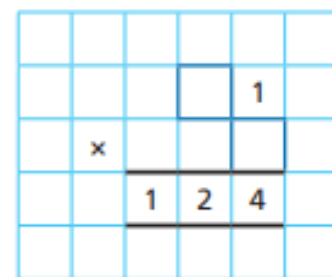
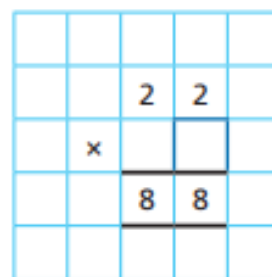
d) 4×36

6 Tommy works out 37×2



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

7 Find the missing numbers.



8 Here are some digit cards.



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



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.

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

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 4×15

Tens	Ones

$4 \times 5 = 20$

$4 \times 10 = 40$

$4 \times 15 = 60$

3 Complete the multiplications.

a) $4 \times 24 = 96$

b) $3 \times 17 = 51$

c) $3 \times 25 = 75$

d) $34 \times 4 = 136$

4 Complete the column multiplications.

Tens	Ones

		T	O	
		2	4	
	x		3	
		7	2	
		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
	2	

5 Work out the multiplications.

a) 25×5

	T	O
	2	5
x		5
	1	2
	2	

c) 5×26

	T	O
	2	6
x		5
	1	3
	3	

b) 35×6

	T	O
	3	5
x		6
	2	1
	3	

d) 4×36

	T	O
	3	6
x		4
	1	4
	2	



6 Tommy works out 37×2

	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.

	T	O
	2	2
x		4
	8	8

	T	O
	3	1
x		4
	1	2
		4

8 Here are some digit cards.

1	2	3	4	5	8
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a) Use the digit cards to create a multiplication and work out the answer.

Eg. $\boxed{3} \boxed{2} \times \boxed{5} = \boxed{160}$

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.