

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.

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

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

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

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

- 4 Complete the column multiplications.

Tens	Ones

		T	O
		2	4
	x		3
		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	
				4	
	x				
			1	4	0
				2	



5 Work out the multiplications.

a) 25×5

			T	O	
			2	5	
				5	
	x				
			1	2	5
				2	

c) 5×26

			T	O	
			2	6	
				5	
	x				
			1	3	0
				3	

b) 35×6

			T	O	
			3	5	
				6	
	x				
			2	1	0
				3	

d) 4×36

			T	O	
			3	6	
				4	
	x				
			1	4	4
				2	

6 Tommy works out 37×2

			T	O	
			3	7	
				2	
	x				
			6	1	4

			T	O	
			3	7	
				2	
	x				
			7	4	
				1	

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

7 Find the missing numbers.

			2	2	
				4	
	x				
			8	8	

			3	1	
				4	
	x				
			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. $\boxed{3} \boxed{2} \times \boxed{5} = \boxed{160}$

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.

