



Complete the multiplications.

a)
$$6 \times 6 = 36$$

How did you work out your answers?



2 Fill in the missing numbers.

a)

u,					
			4	3	
	×		1	3	
		1 ₁	2	9	
		4	3	0	
		5	5	9	

c)

 (43×3)

 (43×10)

		2	1		
×		2	5		
	1	0	5		(21 × 5)
	4	2	0		(21 × 20)
	5	2	5		
	×	1	x 2 1 0 4 2	× 2 5 1 0 5 4 2 0	× 2 5 1 0 5 4 2 0

b)

		2	1	
×		1	6	
	1,	2	6	
	2	1	0	
	3	3	6	

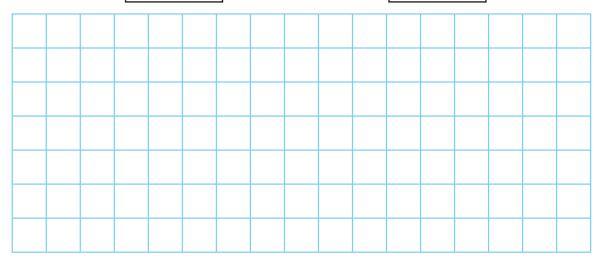
Mo is calculating 34 × 23
Here is his working.

×		3 2	4
	1,	0,	2
		6	2 8
	1	7,	0

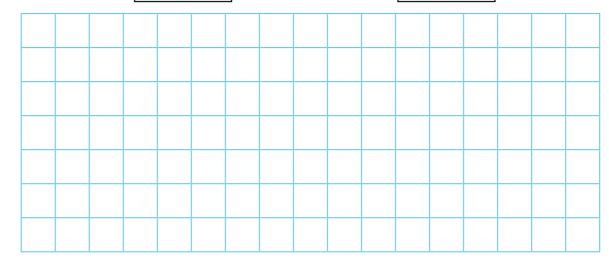
What mistake has Mo made?
What is the correct answer?
You may use the blank grid
for your workings.

		3	4	
X		2	3	
	١	,0	2	
	6			
	7	8	2	

- 4 Work out the multiplications.
 - a) 52 × 34 = 1,768
- c) 46 × 64 = 2,944



- b) 22 × 56 = 1,232
- d) 47 × 63 = 2,96 (

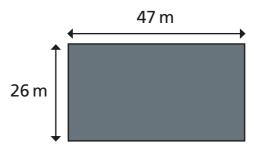


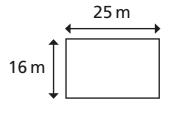
A machine prints 92 labels every minute.

How many labels will it print in three-quarters of an hour?

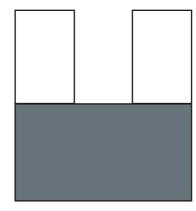
4,140

6 Here are two rectangles.





a) What is the area of this compound shape?



2,022 m²

b) What is the area of the shaded part?



822m2

Compare methods and answers with a partner.

What is the same and what is different?





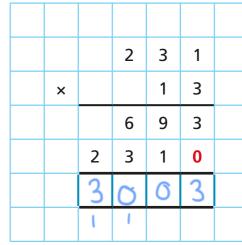




1 Complete the multiplications.

Complete the multiplications.

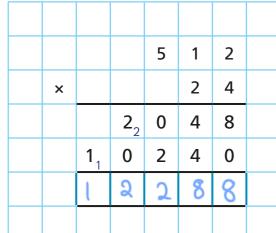




$$(231 \times 3)$$

$$(231 \times 10)$$

b)



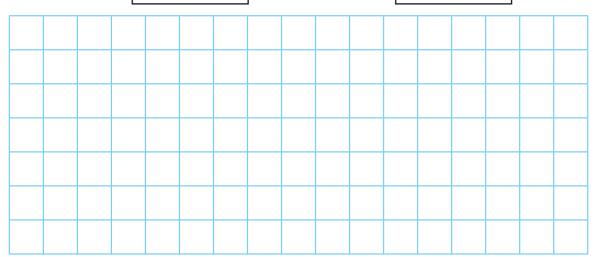
Brett is calculating 216 × 23

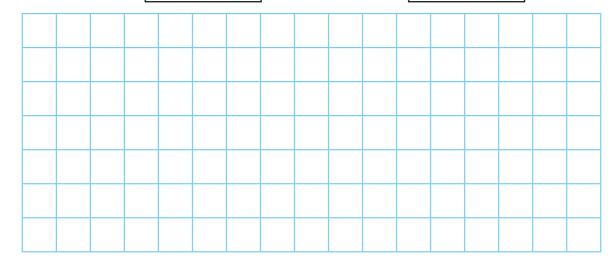
What mistake has Brett made?

What is the correct answer?

Complete the multiplications.

a)
$$142 \times 31 = 4,402$$







a) Which is the best estimate to use to check their answers? Circle your choice and work out the answer to your estimate.

 300×10

 300×20

310 × 20

5,852

 300×19

estimate answer = 6,200

- **b)** Explain the reasons for your choice.
- c) Here are answers given by three children.

28,028 Nijah

Filip

Whitney 2,080

From your estimate, who do you think is correct? Filip

d) Work out the correct answer.

5,852

e) What mistakes might the others have made?



a) What is the area of the pitch?

 $6,656 \text{ m}^2$

b) A field is 25,000 m².

How many football pitches could fit in it?

Write >, < or = to complete each statement.

b) What do you notice?

Does this always happen?



She orders 17 of pack A, 14 of pack B and 4 of pack C.

Pack A



Pack B



Pack C



How many pencils does Miss Rose order?

697

Each pencil costs 16p.

How much does Miss Rose spend on pencils?

E111.52

Question	Answer
	a) 2 4 3 3 x 1 1 2 4 8 6 6 + 2 4 3 3 0 2 9 1 9 6 1 1 0 0 (2,433 × 2) (2,433 × 10)
1	b)
	c)
	a) 1 3 4 5 x 2 5 6, 7, 2, 5 2 6 9, 0 0 3 3 6 2 5 1 1 1
2	b)
	c)

<u>Y5 - Spring - Block 1 - Multiply 4-digits by 2-digits - basic practice Answers (continued)</u>

Question	Answer
3	a) 103,753 b) 75,555 c) 85,544 d) 208,026 e) 101,871 f) 189,140
4	453,924
5	a) £105,300 b) 27,000 c) E.g. The profit per shirt is £10, so work out 2,700 × 10
6	989,901 Possible methods include: using the column method to work out 9,999 \times 99 working out 9,999 \times 100 and subtracting 9,999 working out 10,000 \times 99 and subtracting 99

Multiply 4-digits by 2-digits



1 Complete the multiplication.

	2	5	١	1	4	
	_		q	1	,	
	2	4	6	8	0	
		1	2	3	4	
×				2	1	
		1	2	3	4	

- 2 Tommy is calculating 1,234 × 26
 - a) Complete his working out.

		1	2	3	4	
×				2	6	
		7,	42	02	4	
	2	4	6	8	0	
	3	2	0	8	4	
	-1	(

b) Fill in the grid to check Tommy's working is accurate. You may use place value counters to help.

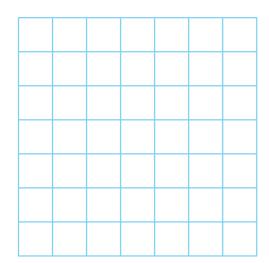
×	1,000	200	30	4
20	20,600	4,000	600	80
6	6,000	1,200	180	24



Rosie is calculating 2,541 × 42
Here is Rosie's working.

a) Rosie has made two mistakes. What are they?

b) What is the correct answer?



106,722

4 Work out the multiplications.

a)
$$4,284 \times 23$$

	4	2	8	4			2	١	4	2		
X			2	3		X			4	6		
1	2	28	ຸຣ	2		1	2	S	5	2		
8	5	6	8	O		8	5	6	8	0		
9	8	5	3	2		9	8	5	3	2		
	1	-1					١	1				

What do you notice?



A machine makes 2,734 boxes every hour.

The machine works for 3 hours each day.

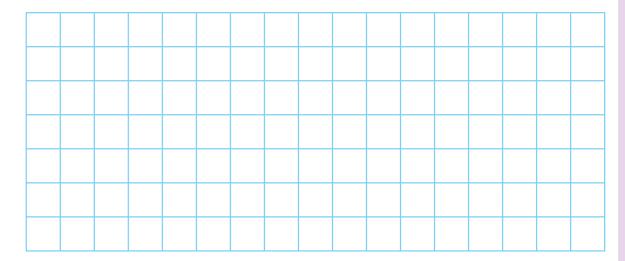
a) How many boxes will it make in 12 days?

98,424

b) Compare methods with a partner. Were there any other ways you could have worked out the answer?



6 Work out $378 \times 7 \times 12$ Show your method clearly.



31,752

7	1 2 3 4 5 6		
		×	
	a) Using all the digit cards, create 4 diffe	erent	t calculations and work

a) Using all the digit cards, create 4 different calculations and work out the answer to each.

Various answers.

- **b)** Write your answers in ascending order.
- c) What is the smallest product that can be made?

32,544

8 Amir scores 4,680 points in a computer game for 12 games in a row.

Whitney scores 2,512 points every game for 24 games.

Who scores more points?

Whitner

Amir: 56,160

Whitney: 60,288

How many more?

4,128

