

1 Work out the multiplications.

- | | |
|-------------------|-------------------|
| a) 13×3 | c) 25×4 |
| 13×30 | 25×40 |
| b) 130×2 | d) 204×4 |
| 130×20 | 204×40 |

2 Complete the multiplications.

a)

			2	3	1	
	x			1	3	
			6	9	3	
			2	3	1	0

(231 × 3)

(231 × 10)

b)

				5	1	2	
	x				2	4	
				2	0	4	8
			1	0	2	4	0

(×)

(×)

3 Brett is calculating 216×23

			2	1	6	
	x			2	3	
			6	4	8	0
				4	3	2
			6	9	1	2

What mistake has Brett made?
What is the correct answer?

4 Work out the multiplications.

- a) 142×31 b) 337×46 c) 214×53 d) 24×183

5 Some children are asked to work out 308×19

- a) Which is the best estimate to use to check their answers?
Work out the answer to your estimate.

- 300×10 300×20 310×20 300×19

b) Explain the reasons for your choice.

c) Here are answers given by three children.

- Nijah 28,028 Filip 5,852 Whitney 2,080

From your estimate, who do you think is correct?

d) Work out the correct answer.

e) What mistakes might the others have made?

- 3 Brett is calculating 216×23

$$\begin{array}{r}
 216 \\
 \times 23 \\
 \hline
 6480 \\
 432 \\
 \hline
 6912
 \end{array}$$

What mistake has Brett made?
What is the correct answer?

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- 5 Some children are asked to work out 308×19

- a) Which is the best estimate to use to check their answers?

Work out the answer to your estimate.

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- b) Explain the reasons for your choice.

- c) Here are answers given by three children.

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From your estimate, who do you think is correct?

- d) Work out the correct answer.

- e) What mistakes might the others have made?

- 6 A football pitch is 128 m long and 52 m wide.

- a) What is the area of the pitch?
b) A field is 25,000 m².

How many football pitches could fit in it?

- 7 Write $>$, $<$ or $=$ to complete each statement.

a) 146×64 164×46

135×53 153×35

- b) What do you notice?

Does this always happen?

- 8 Miss Rose is ordering some pencils.

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?

Each pencil costs 16p.

How much does Miss Rose spend on pencils?