

Multiply 3-digits by 2-digits

1 Complete the multiplications.

a) $13 \times 3 =$

c) $25 \times 4 =$

$13 \times 30 =$

$25 \times 40 =$

b) $130 \times 2 =$

d) $204 \times 4 =$

$130 \times 20 =$

$204 \times 40 =$

2 Complete the multiplications.

a)

			2	3	1	
	x			1	3	
<hr/>						
			6	9	3	
			2	3	1	0
<hr/>						

(231×3)

(231×10)

b)

				5	1	2	
	x				2	4	
<hr/>							
			2	0	4	8	
			1	0	2	4	0
<hr/>							

(\times)

(\times)

3 Brett is calculating 216×23

				2	1	6
	x				2	3
<hr/>						
			6	4	8	0
<hr/>						
				4	3	2
<hr/>						
			6	9	1	2

What mistake has Brett made?

What is the correct answer?

4 Complete the multiplications.

a) $142 \times 31 =$

c) $214 \times 53 =$

b) $337 \times 46 =$

d) $24 \times 183 =$

5 Some children are asked to work out 308×19

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

Circle your choice and work out the answer to your estimate.

300×10 300×20 310×20 300×19

estimate answer =

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?

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?