

Short Multiplication

ANSWERS

1

Work out 23×3 . Split it by place value. Multiply each part. Add the parts.

×	20	3
3	60	9

Total 69

T O
2 3

×

3

6 9

2

Work out 32×3 . Split it by place value. Multiply each part. Add the parts.

×	30	2
3	90	6

Total 96

T O
3 2

×

3

9 6

3

Work out 41×2 . Split it by place value. Multiply each part. Add the parts.

×	40	1
2	80	2

Total 82

T O
4 1

×

2

8 2

4

Work out 24×2 . Split it by place value. Multiply each part. Add the parts.

×	20	4
2	40	8

Total 48

T O
2 4

×

2

4 8

5

What multiplication does the picture show? Work it out.

20 1

3 rows

||||| ||||| ●
||||| ||||| ●
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Fact $21 \times 3 = 63$

6

Work out 213×3 . Split it by place value. Multiply each part. Add the parts.

×	200	10	3
3	600	30	9

Total 639

H T O
2 1 3

×

3

6 3 9

7

Circle the ones you can work out with no carrying.

23×4 31×3 18×2

42×2 33×3

8

A coach has 43 seats. How many seats are there on 2 coaches?

T O
4 3

×

2

8 6

Answer 86 seats

Short Multiplication *further practice*

ANSWERS

9

Work out 26×3 . Split it by place value. Multiply each part. Add the parts.

×	20	6
3	60	18

Total 78

	T	O
	2	6
×		3
	7	8
	7	

13

A phone case costs £18.
How much do 5 phone cases cost?

	T	O
	1	8
×		5
	9	0
	9	

Answer £90

10

Work out 47×2 . Split it by place value. Multiply each part. Add the parts.

×	40	7
2	80	14

Total 94

	T	O
	4	7
×		2
	9	4
	9	

14

A number with 4 ones is multiplied by 3. The answer is 72.
Fill in the grid. What is the number?

×	20	4
3	60	12

Total 72

Number 24

11

A box holds 35 pens.
How many pens are there in 4 boxes?

	H	T	O
		3	5
×			4
	1	4	0
	1	2	

Answer 140 pens

15

Which is more cans: 6 packs of 24, or 4 packs of 36? Or are they the same?

	H	T	O
		2	4
×			6
	1	4	4
	1	2	

	H	T	O
		3	6
×			4
	1	4	4
	1	2	

Answer The same: 144 cans

12

Work out 126×3 . Split it by place value. Multiply each part. Add the parts.

×	100	20	6
3	300	60	18

Total 378

	H	T	O
	1	2	6
×			3
	3	7	8
	3	7	

16

Sam works out 37×4 and writes 1228. Is Sam right? Explain.

×	30	7
4	120	28

Total 148

No. 28 is 2 tens and 8 ones.

Carry the 2 tens: 148.