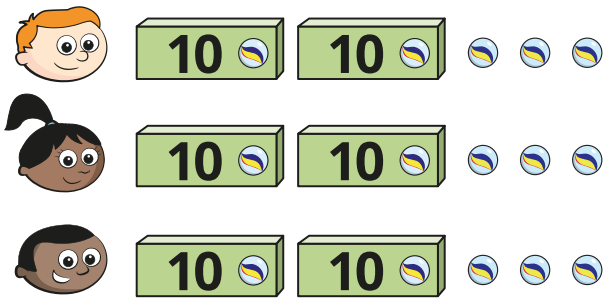
Multiply a 2-digit number by a 1-digit number – no exchange

1 Ron, Sam and Mo each have 23 marbles.



a) Complete the sentences to work out how many marbles there are in total.

3 × 3 ones = ☐

There are ☐ single marbles.

3 × 2 tens = ☐ tens

There are ☐ boxes of 10 marbles.

☐ tens = ☐

☐ + ☐ = ☐

There are ☐ marbles in total.

b) Complete the multiplication.

3 × 23 = ☐

2 Use the place value chart to work out 2 × 24

Complete the multiplication sentences.

Tens	Ones
10 10	1 1 1 1
10 10	1 1 1 1

2 × 4 = ☐

2 × 20 = ☐

☐ + ☐ = ☐

2 × 24 = ☐

3 Complete the sentences to work out 43 × 2

Tens	Ones
10 10 10 10	1 1 1
10 10 10 10	1 1 1

2 × ☐ = ☐

2 × ☐ = ☐

☐ + ☐ = ☐

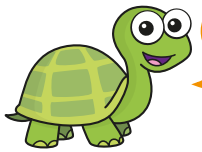
43 × 2 = ☐

4 Work out the multiplications.

a) 24 × 2 **b)** 44 × 2 **c)** 31 × 3 **d)** 42 × 2

5 Tiny is working out 34 × 2

Is Tiny correct?



The answer is 14

3 × 2 = 6

4 × 2 = 8

6 + 8 = 14

How do you know?

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Complete the multiplication sentences.

Tens	Ones
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2 × ☐ = ☐

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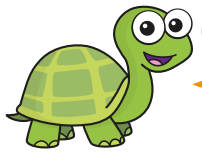


The answer is 14

3 × 2 = 6

4 × 2 = 8

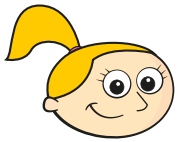
6 + 8 = 14

How do you know?

6 One toaster costs £32

How much do three toasters cost?

7 Eva is working out 41 × 2



I can work this multiplication out in my head.

How do you think Eva will work this out in her head?

8 Whitney has multiplied a 2-digit number by a 1-digit number.

I had to do 30 + 9 = 39 to get my answer.

What are the numbers that Whitney is multiplying?

9 What could the missing numbers be?

Find two different answers.

☐ × ☐ = 66

Compare answers with a partner.

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