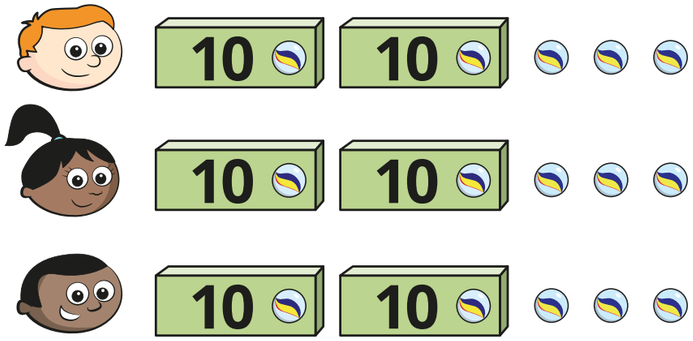
Multiply a 2-digit number by a 1-digit number – no exchange

White Rose MATHS

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 number sentences.

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

2 × 4 = ☐

2 × 20 = ☐

☐ + ☐ = ☐

2 × 24 = ☐

3 Complete the number 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 ☐

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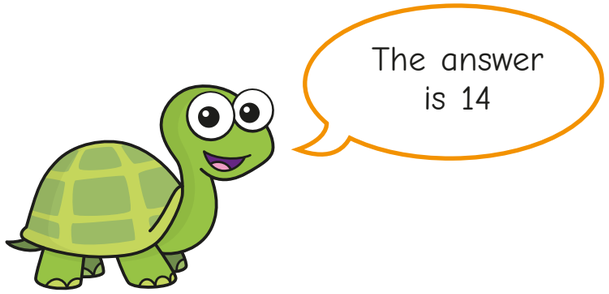
5 Tiny is working out 34 × 2



3 × 2 = 6

4 × 2 = 8

6 + 8 = 14

Is Tiny correct? _____

How do you know?

_____

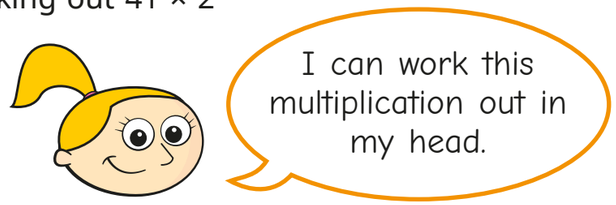
_____

6 One toaster costs £32

How much do three toasters cost?

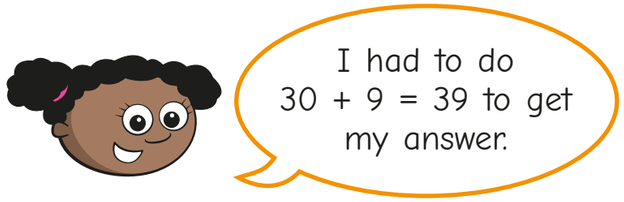
☐

7 Eva is working out 41 × 2



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.



What are the numbers that Whitney is multiplying?

☐ and ☐

9 What could the missing numbers be?

Find two different answers.

☐ × ☐ = 66

☐ × ☐ = 66

Compare answers with a partner.

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