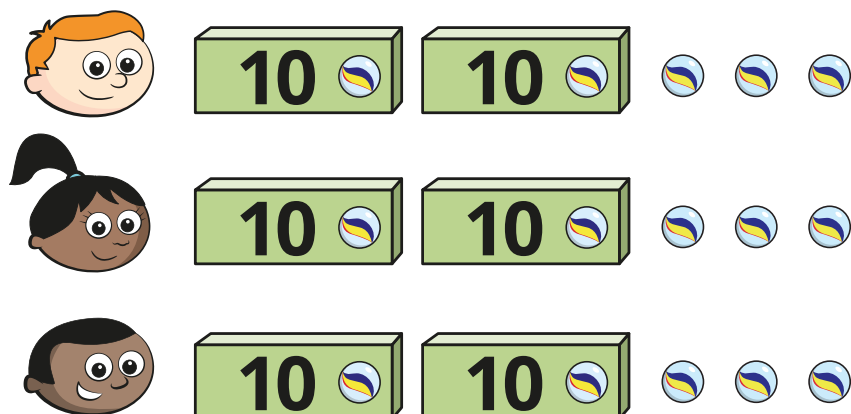


Multiply a 2-digit number by a 1-digit number – no exchange



- 1 Ron, Sam and Mo each have 23 marbles.



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

$$3 \times 3 \text{ ones} = \square$$

There are \square single marbles.

$$3 \times 2 \text{ tens} = \square \text{ tens}$$

There are \square boxes of 10 marbles.

$$\square \text{ tens} = \square$$

$$\square + \square = \square$$

There are \square marbles in total.

- b) Complete the multiplication.

$$3 \times 23 = \square$$

- 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

$$2 \times 4 = \square$$

$$2 \times 20 = \square$$

$$\square + \square = \square$$

$$2 \times 24 = \square$$

- 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

$$2 \times \square = \square$$

$$2 \times \square = \square$$

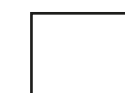
$$\square + \square = \square$$

$$43 \times 2 = \square$$

- 4 Work out the multiplications.

a) 24×2

c) 31×3

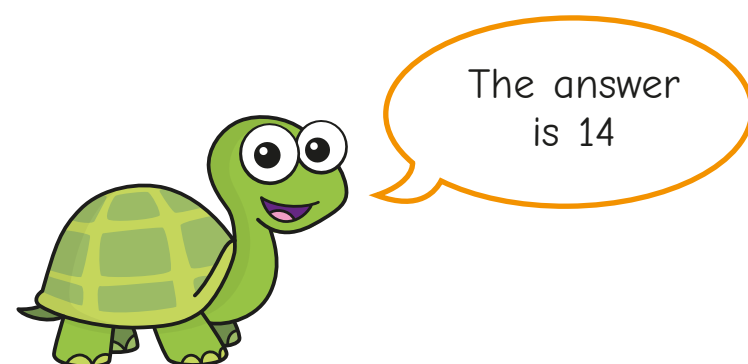


b) 44×2

d) 42×2



- 5 Tiny is working out 34×2



$$\begin{array}{l} 3 \times 2 = 6 \\ 4 \times 2 = 8 \\ 6 + 8 = 14 \end{array}$$

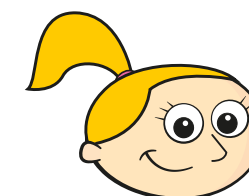
Is Tiny correct? _____

How do you know?

- 6 One toaster costs £32
How much do three toasters cost?



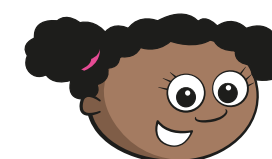
- 7 Eva is working out 41×2



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?

 and

- 9 What could the missing numbers be?

Find two different answers.

$$\square \times \square = 66$$

$$\square \times \square = 66$$

Compare answers with a partner.