

2026 national curriculum tests

Key stage 1

Mathematics

Paper 2: reasoning

First name	
Middle name	
Last name	

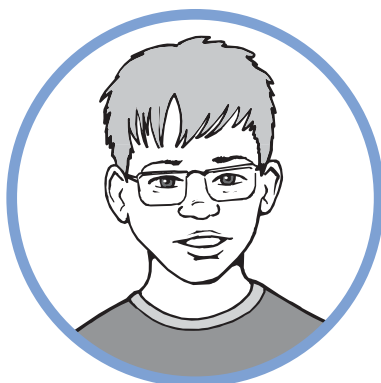
Total marks	
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Ajay



Amy



Ben



Kemi

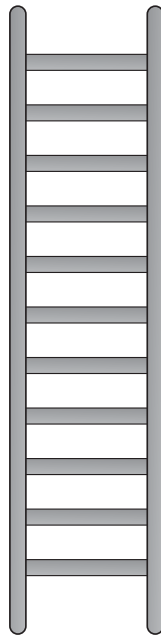
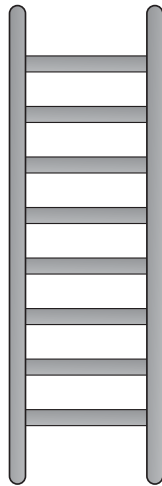
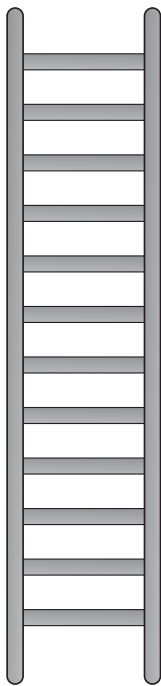
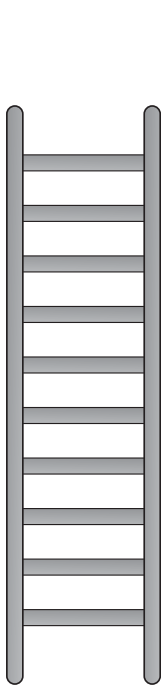


Sam



Sita

Practice question



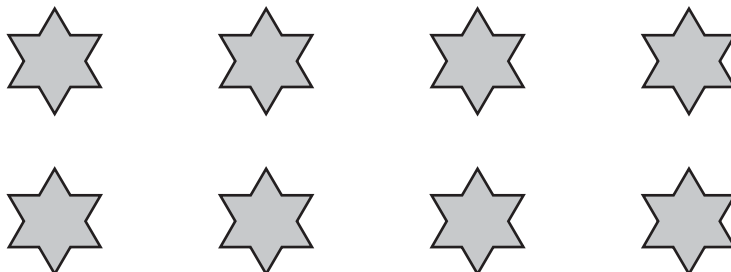
1

55 56 57 58 59...



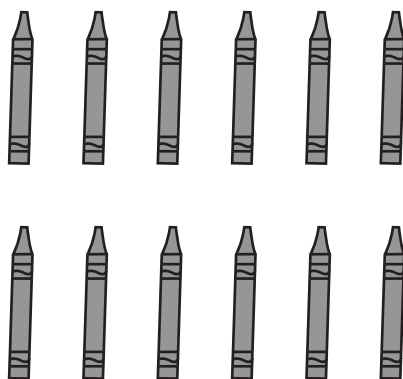
1 mark

2



1 mark

3



$$6 - 2$$

$$6 \times 2$$

$$6 \div 2$$

$$6 + 2$$



1 mark

4

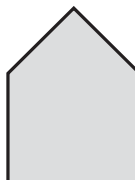
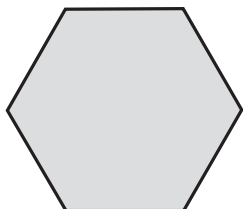
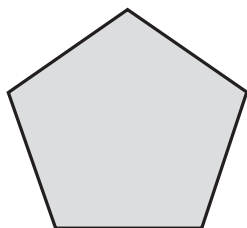
86

20



1 mark

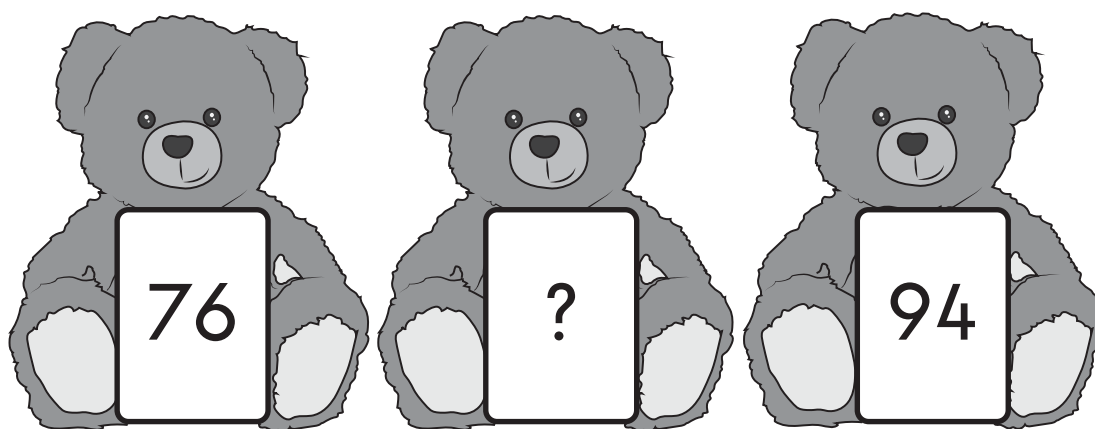
5



1 mark

6

The numbers on these teddy bears are ordered from the smallest to the largest.



smallest

largest

Tick the correct number for the middle teddy bear.

67

49

83

96

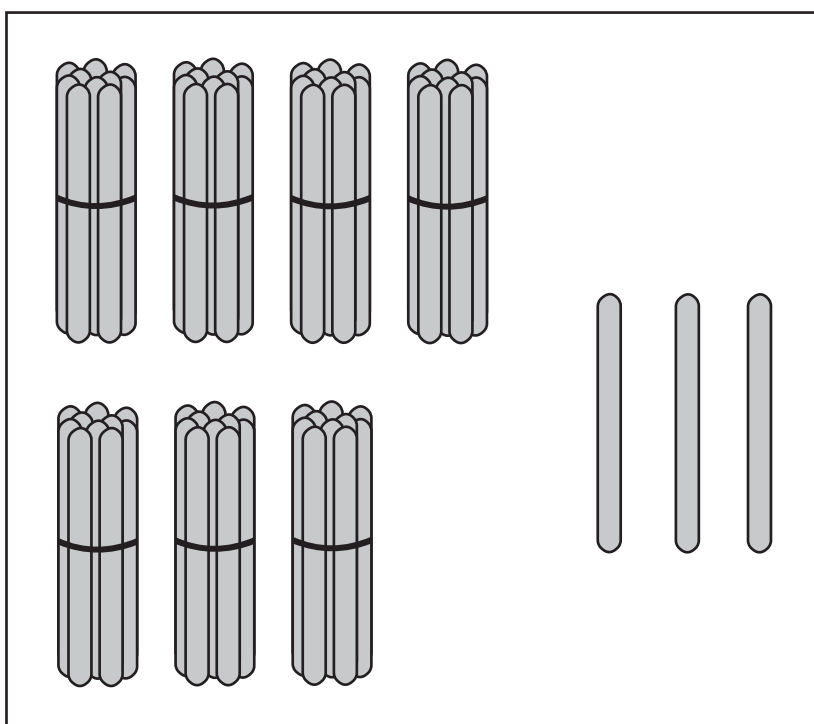


1 mark

7

This is **one** stick.This is a bundle of **ten** sticks.

How many sticks are there in the box below?



sticks

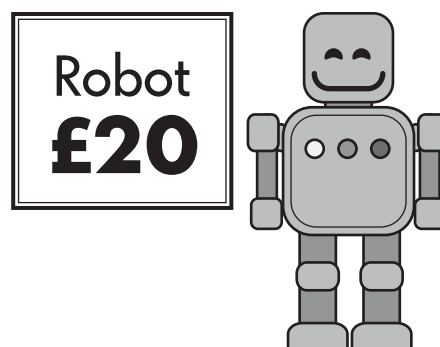


1 mark

8 Ben wants to buy a robot.

It costs **£20**

He has **£11**



How much **more** money does he need?

£



1 mark

9 Circle **all** the numbers that have **6 tens**.

16

26

61

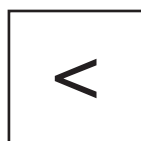
56

66



1 mark

10 Compare the lengths of pencils using these signs.



Pencil A



Pencil B



Pencil C



Write the correct sign in each box.

length of Pencil A

length of Pencil B

length of Pencil A

length of Pencil C



1 mark

11 A bag has **100g** of pasta.

Sam uses **70g**.



How much pasta is **left** in the bag?

g

1 mark

12 Draw lines to order these times from the shortest to the longest.

6 weeks
•

6 years
•

6 months
•

6 days
•

•

•

•

•

shortest**longest**

1 mark

13 Amy collects stickers.

She buys a pack of **5** stickers each week.

How many stickers does Amy buy in **4** weeks?

Circle your answer.

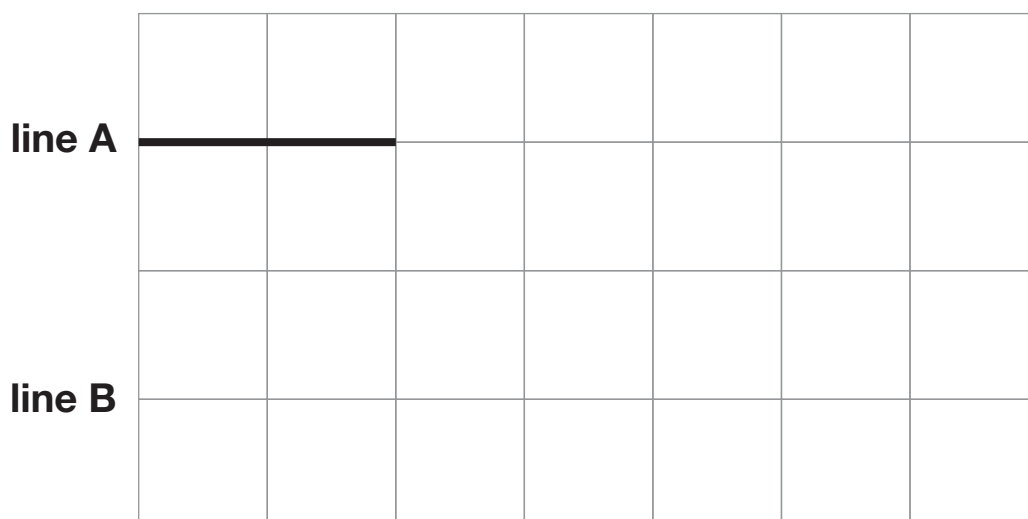


5 10 15 20 25



1 mark

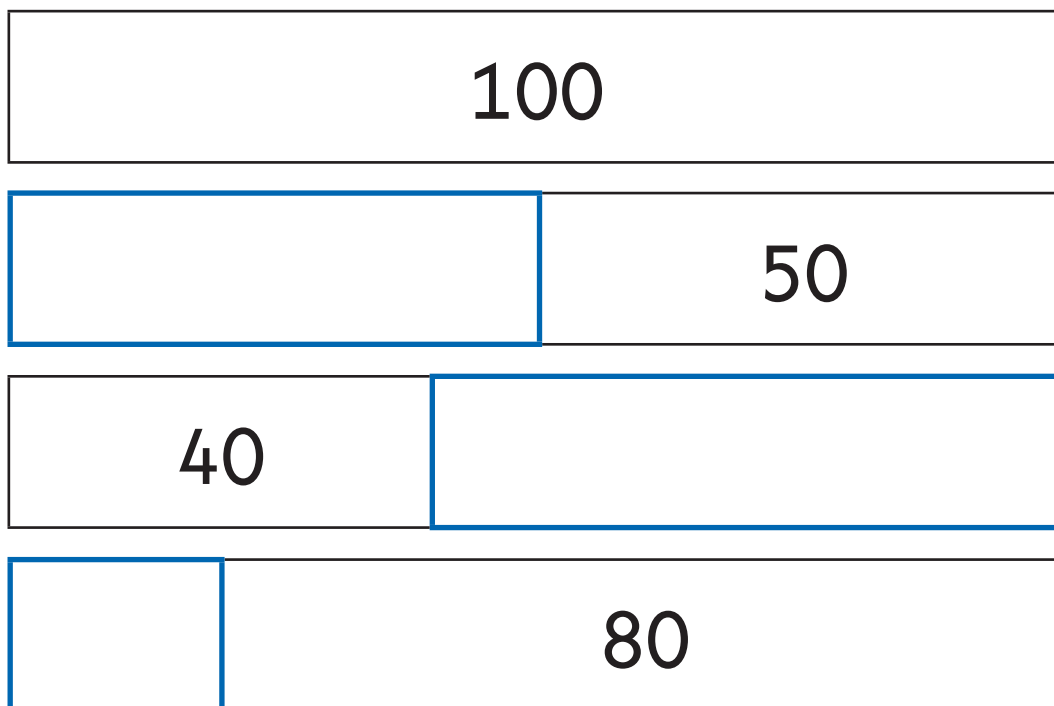
14 Draw line B on the grid so that it is **double** the length of line A.



1 mark

15 This diagram shows different ways to make the **total 100**

Complete the diagram.



1 mark

16 Tick **odd** or **even** next to each number.

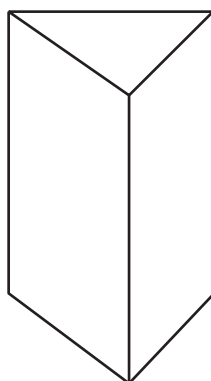
One is done for you.

	odd	even
11	<input checked="" type="checkbox"/>	<input type="checkbox"/>
48	<input type="checkbox"/>	<input type="checkbox"/>
72	<input type="checkbox"/>	<input type="checkbox"/>
63	<input type="checkbox"/>	<input type="checkbox"/>



1 mark

17 How many **faces** does a triangular prism have?



triangular prism

faces

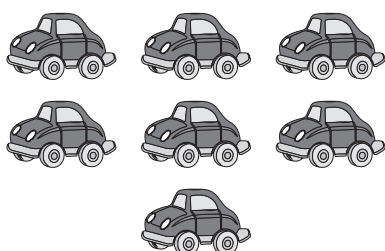


1 mark

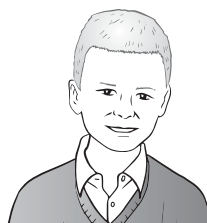
18 Kemi has **7** toy cars.

Sam has **3** toy cars.

Kemi



Sam



Kemi gives Sam some of her cars.




They now have the **same** number of cars.

How many cars did Kemi give Sam?

cars



1 mark

Weather	Number of days
 Snowy	
 Sunny	
 Rainy	

How many sunny **and** rainy days were there **altogether**?

days



1 mark

20

Here are three number cards.

Use the number cards to make two **different** calculations.

$$\boxed{} \times \boxed{} = \boxed{}$$

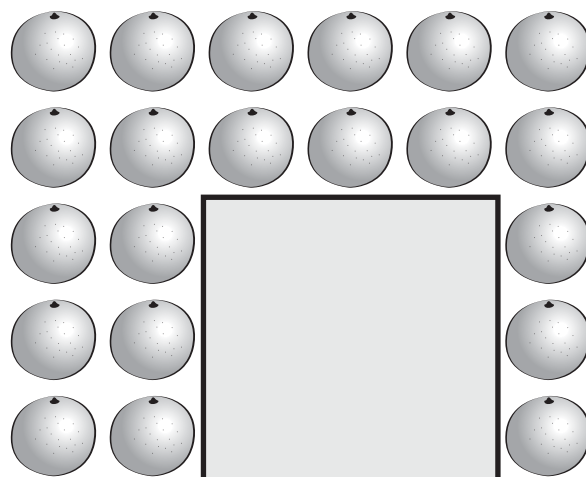
$$\boxed{} \div \boxed{} = \boxed{}$$



1 mark

21 This is an array of oranges.

Some of the oranges are hidden.



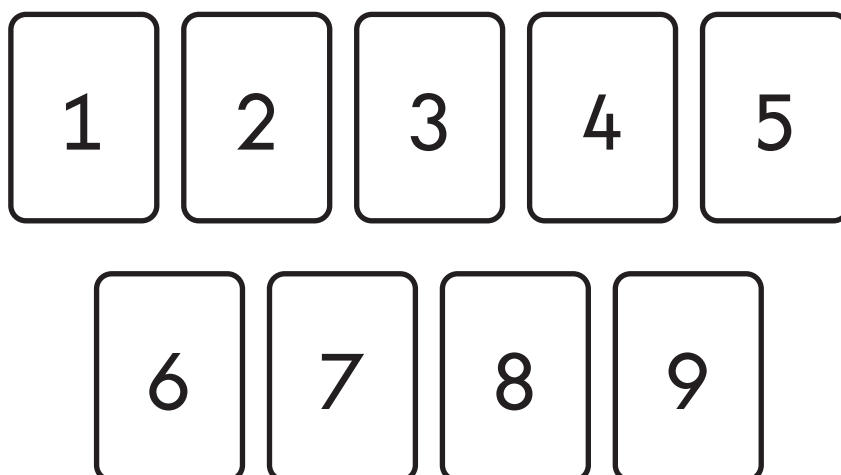
How many oranges are hidden?

oranges

1 mark

22

Here are some number cards.



Use the number cards to make the calculation correct.

$$7 + \boxed{} + \boxed{} = 20$$



1 mark

Now use two **different** number cards to make the calculation correct.

$$7 + \boxed{} + \boxed{} = 20$$



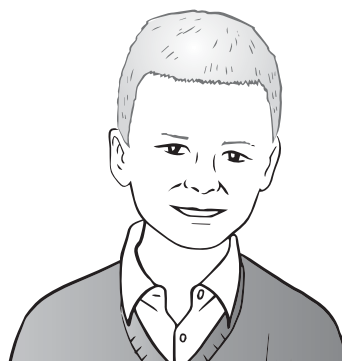
1 mark

23 Sam has **two** coins.

The two coins are the **same**.

His coins **total** one of these amounts.

Circle **one**.



30p

35p

40p

45p

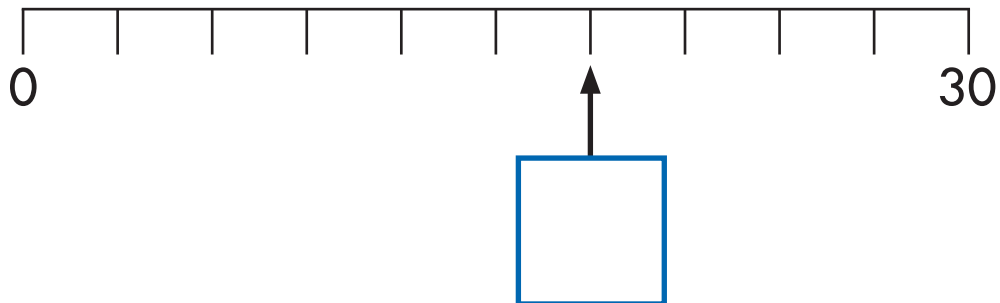


1 mark

24

This number line is divided into **equal** steps of 3

What number is the arrow pointing to?



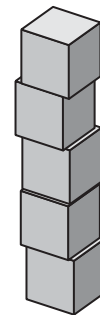
1 mark

25

Sita is building towers using cubes.

Each tower has **5** cubes.

Sita has **45** cubes.



How many towers does she make?

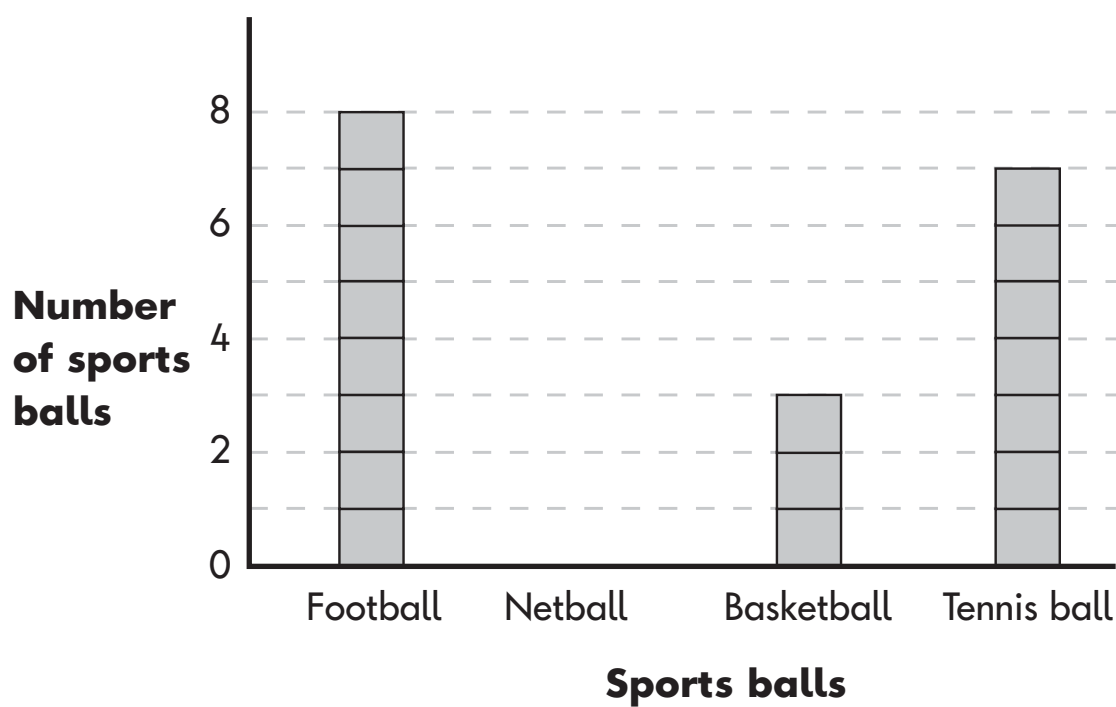
towers

1 mark

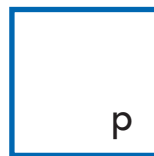
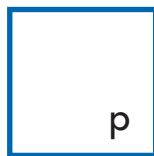
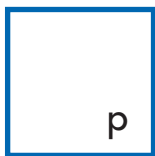
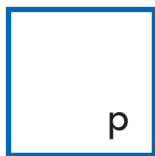
26 A class has **20** sports balls altogether.

The block diagram shows how many there are of each type.

Draw the missing blocks to show how many netballs there are.



1 mark

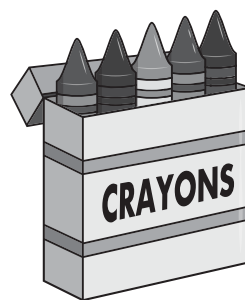
27Write four coins that **total 27p**.

1 mark

28 There are **6** boxes of crayons.

Each box has **5** crayons.

Ajay takes **16** crayons.



How many crayons are **left**?

Show
your
working

crayons



2 marks

29

Look at this card.

$$\frac{1}{2}$$

Tick a card below that shows the **same amount**.

$$\frac{3}{4} \quad \square$$

$$\frac{2}{4} \quad \square$$

$$\frac{1}{4} \quad \square$$

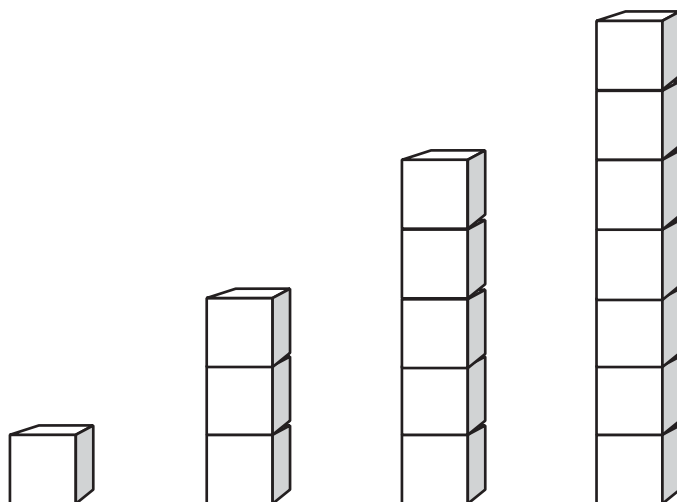
$$\frac{1}{3} \quad \square$$



1 mark

30 Kemi builds some towers with cubes.

The towers get bigger each time by the **same amount**.



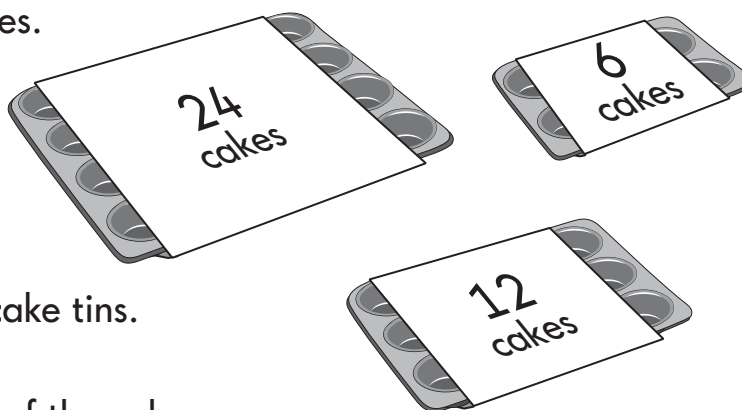
How many cubes will Kemi need for her **next** tower?

cubes



1 mark

- 31** Sam is baking cakes.



He fills **all** these cake tins.

His family eat **15** of the cakes.

How many cakes are **left**?

Show
your
working

cakes



2 marks

32

Team A	Team B
38	51

Team B has **more** points than Team A.

How many more?

Tick **one**.

27 ☐

17 ☐

23 ☐

13 ☐



1 mark

End of test



Standards
& Testing
Agency

Key stage 1 mathematics Paper 2: reasoning

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