2022 national curriculum tests

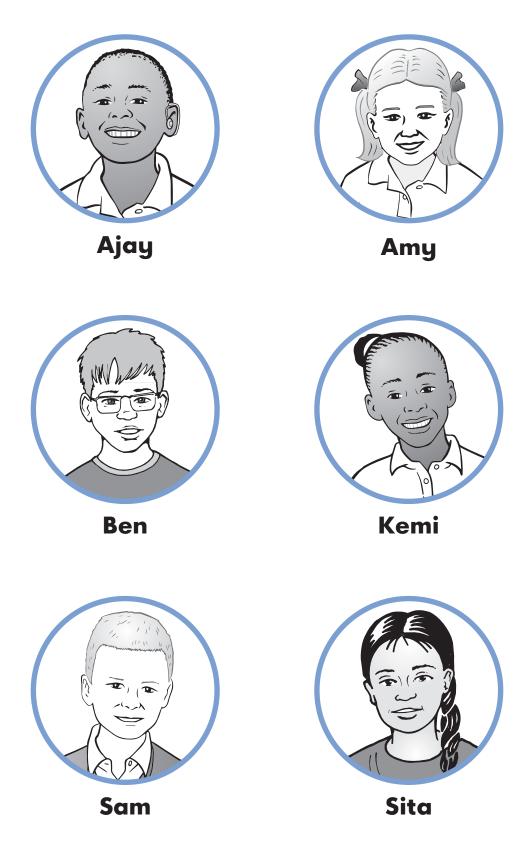
Key stage 1

Mathematics

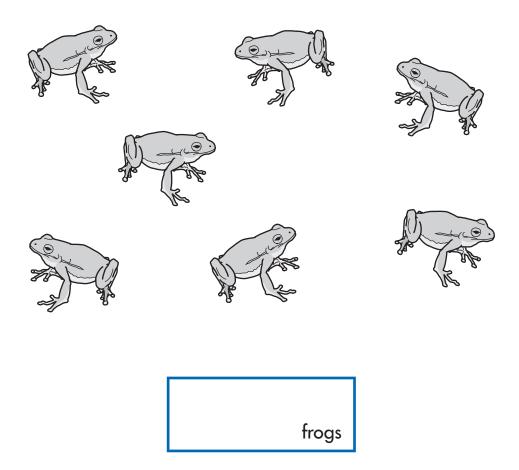
Paper 2: reasoning

| First name | |
|-------------|--|
| Middle name | |
| Last name | |

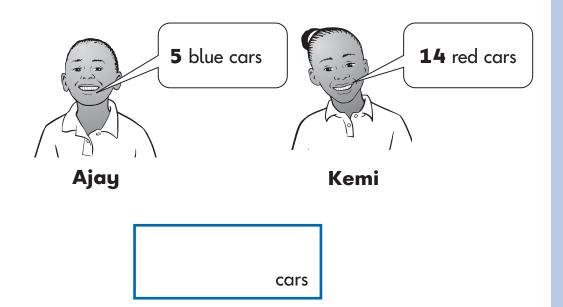
Total marks



Practice question





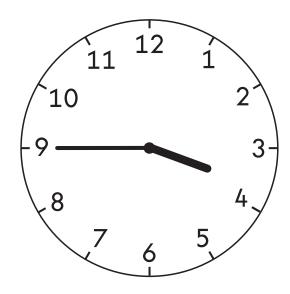




two-digit number less than 20 even number







Tick **one**.



5

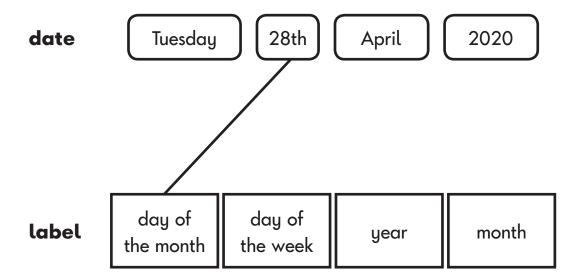
12

sweets



6 Match each label to the correct part of the date.

One is done for you.

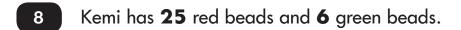




7 Put these numbers in order from smallest to largest.

One is done for you.



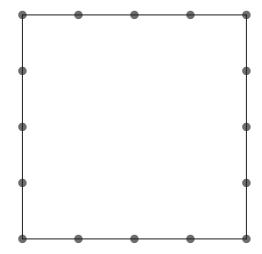


How many beads does Kemi have **altogether**?





9 Draw **two lines** to divide the square into **quarters**.





Ben has **20** stickers.

Sam has **30** stickers.

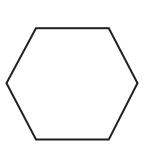
Ajay has **50** stickers.

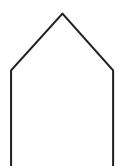
How many stickers do they have **altogether**?

stickers

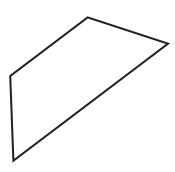


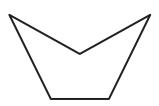
Tick the **two** shapes that have the same number of sides.



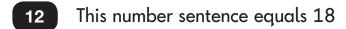








1 mark



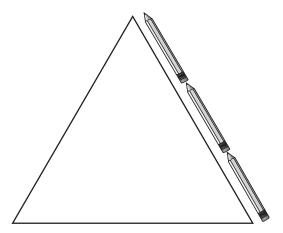
Now write a **different** number sentence that equals 18

Write **one digit** in each empty box.





Three pencils fit along one side of the triangle.



How many pencils fit around **all three sides** of the triangle?

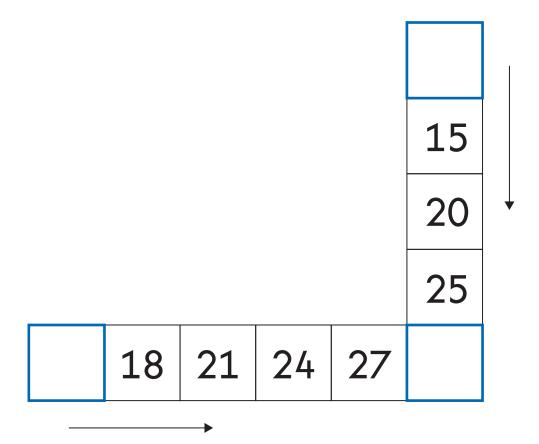




14 Here are two number patterns.

There are **three** missing numbers.

Write them in the empty boxes.

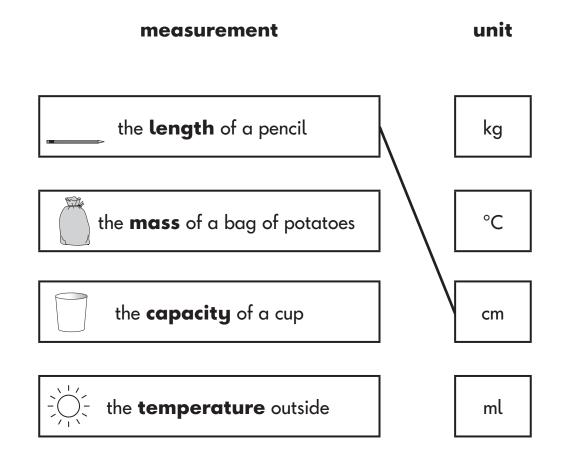




15

Draw a line to match each measurement to the correct unit.

One is done for you.



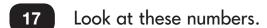


Complete the table to show how many tens and ones are in each number.

One is done for you.

| Number | Tens | Ones |
|--------|------|------|
| 87 | 8 | 7 |
| 23 | | |
| 5 | | |





Use these numbers to complete the number sentences below.

Use all three numbers each time.



Ben has 40 cards.

He shares them equally between 4 party bags.



How many cards does he put in each bag?

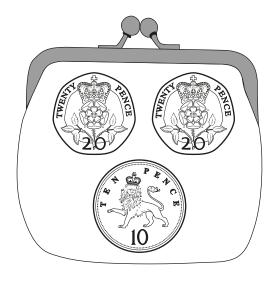


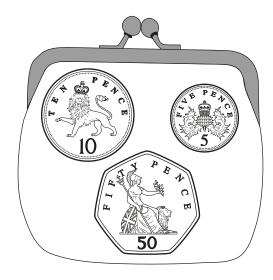


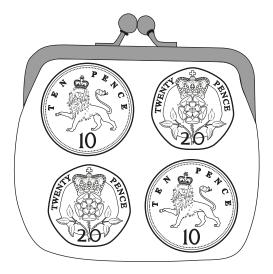
19

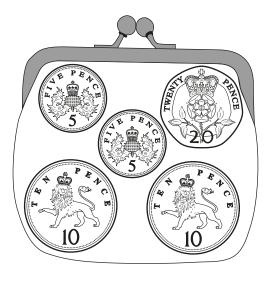
Two of these purses have the same amount of money.

Tick them.













Circle the calculation with the largest answer.

$$5 + 2$$

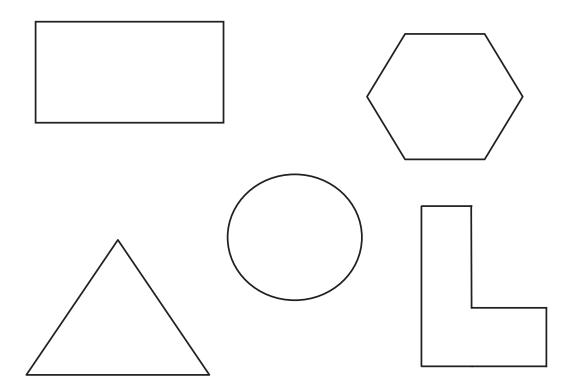
$$10 - 3$$

$$9 - 1$$

$$4 + 1$$



Draw a cross on the shape that does **not** have a line of symmetry.



1 mark

22

A wall has **5** bricks in each row.

How many bricks are there in 6 rows?

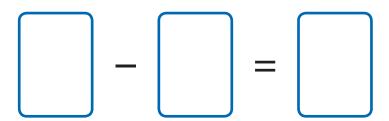
bricks

1 mark

23 Look at these number cards.

20 40 50 70 90

Choose **three** of the number cards to make this subtraction correct.



1 mark

8 children are eating plums. 24 Each child eats 2 plums. How many plums do they eat altogether? plums Sam puts **18** cards in rows. He puts **3** cards in each row. How many **rows** of cards are there? rows

- There are **43** people on a bus.
 - **15** people get off.





How many people are on the bus **now**?



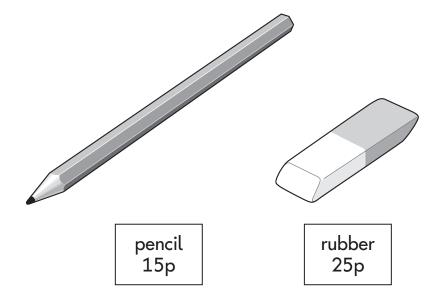


27

Complete the number sentences.







Kemi has £1

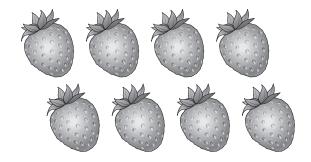
She buys a **pencil** and a **rubber**.

How much **change** does Kemi get from **£1**?









Sita has 8 strawberries.

She eats $\frac{3}{4}$ of them.

How many does she eat?

strawberries



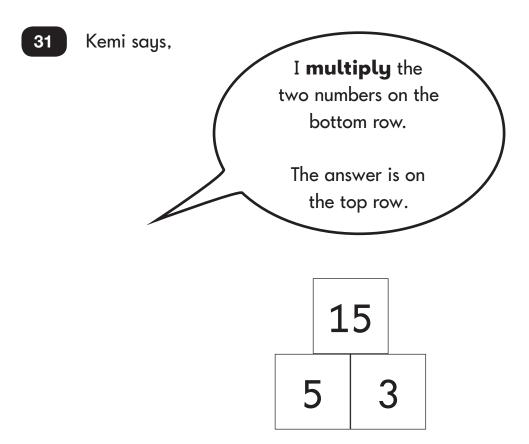
This table shows the shoe sizes of all the children in a class.

| Shoe size | Number of children |
|-----------|--------------------|
| 9 | 7 |
| 10 | 8 |
| 11 | 12 |
| 12 | 2 |

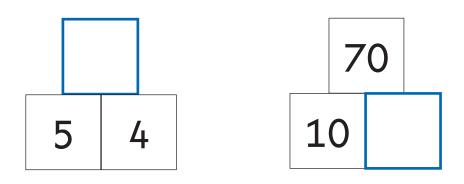
How many children have a shoe size of **10 or smaller**?

children





Write the **two** missing numbers below.



0

End of test

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2022 key stage 1 mathematics

Paper 2: reasoning

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