

2025 national curriculum tests

Key stage 1

MATHEMATICS

Modified large print

Paper 2: reasoning

First name

Middle name

Last name

Note for marking:

This paper should be marked using the standard mark schemes for KS1 mathematics: Paper 2. Please also refer to the Key stage 1 mathematics amendments to mark schemes – MLP document for questions that have been modified or replaced.

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In this booklet you will read the names of six children.

They are called:

Ajay

Amy

Ben

Kemi

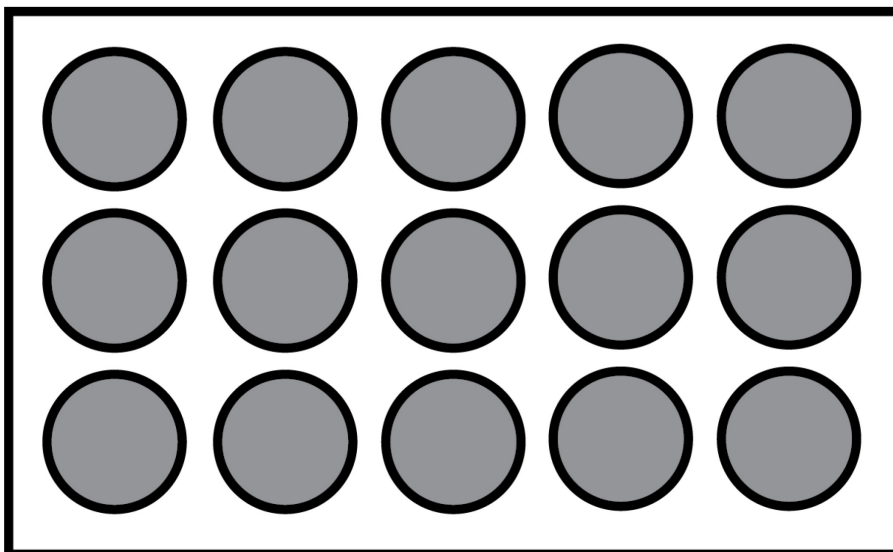
Sam

Sita

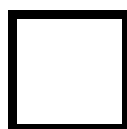
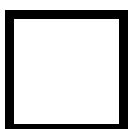
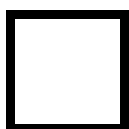
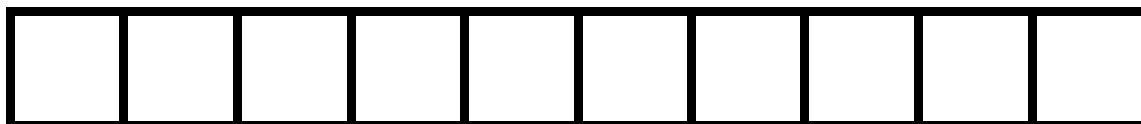
Practice question

10

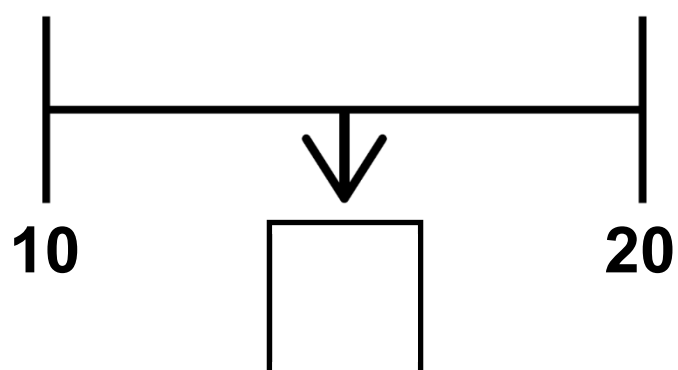
1.



2.



3.



4. 2 3 4

5.

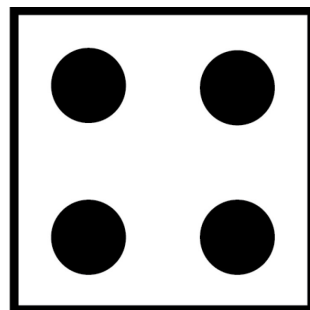
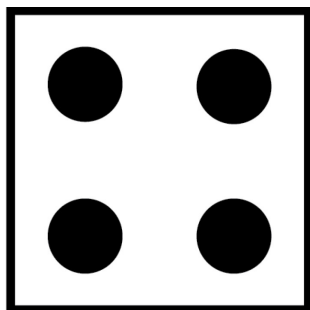
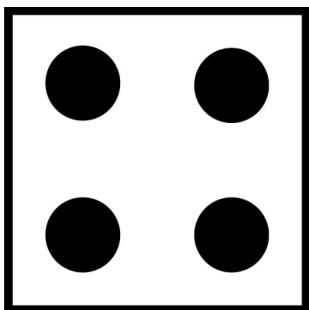


6. Amy's number has **8** tens and **7** ones.

Write her number.

7. Sam has **3** boxes of marbles.

Each box has **4** marbles.



How many marbles does Sam have altogether?

_____ marbles

8. Tick or mark the card that shows the number thirteen.

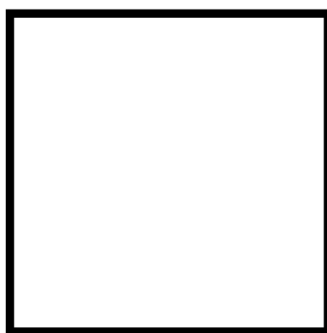
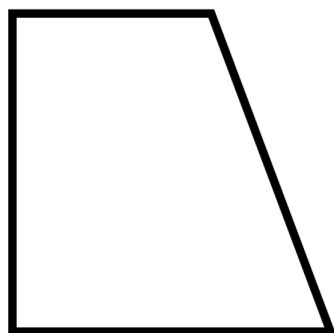
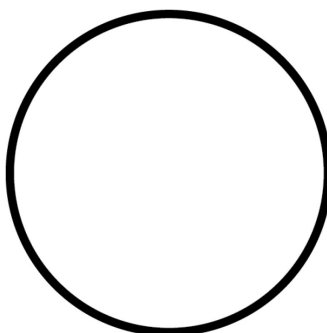
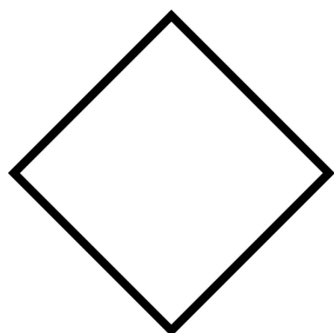
30

13

3

31

9. Look at the four shapes below.



Tick or mark the shape that does **not** have a line of symmetry.

10. You have two models for this question.

Model A is a cube.

Model B is a cuboid.

Look at the cube and the cuboid.

Tick or mark the statement that is true about both shapes.

Both have 12 faces each.

Both have 8 faces each.

Both have 6 faces each.

11. Look at the four statements about time.

Only two statements are correct.

Tick or mark the **two correct statements.**

1 hour is the same as 30 minutes.

1 hour is the same as 60 minutes.

1 day is the same as 20 hours.

1 day is the same as 24 hours.

12. Complete the number sentences.

One is done for you.

$$5 + \boxed{5} = 10$$

$$9 + \boxed{} = 12$$

$$\boxed{} = 8 + 5$$


13. There are 8 trays of strawberries.


Each tray has 10 strawberries.

How many strawberries are there altogether?

_____ strawberries

14. Ajay gets stickers for good work.

 = 1 point

 = 3 points

Ajay has     stickers.

How many points does Ajay have altogether?

_____ points

15. Write a digit in each box to complete the number sentence.

$$\boxed{} + 7 + \boxed{} = 15$$

16. Kemi has 20 seeds.

She gives some to Ben.

Kemi has 8 seeds left.

How many seeds does Kemi give to Ben?

_____ seeds

17. The number sentences below total **20**

Write the missing numbers.

One is done for you.

$$11 + \boxed{9} = 20$$

$$15 + \boxed{} = 20$$

$$\boxed{} + 4 = 20$$

18. A bottle holds **half a litre** of water.

How many of these bottles make **one litre**?

_____ bottles

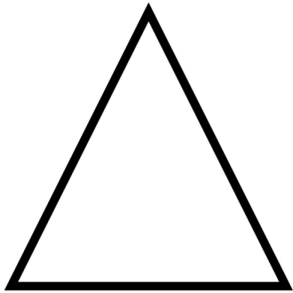
19. Amy has four shapes.

They are labelled **P Q R** and **S**.

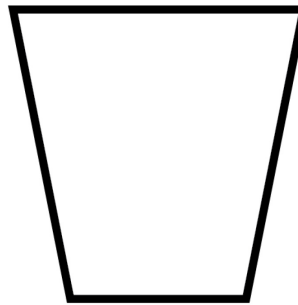
Amy sorts the shapes into two groups.

Shapes with 4 vertices or fewer.

P

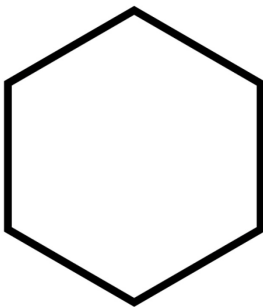


Q

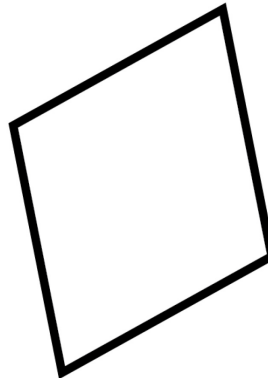


Shapes with 5 vertices or more.

R



S



Write the letter of the shape that is in the
wrong group.

20. Ben has eleven **£2** coins.

How much money does Ben have?

£ _____

21. Tick or mark **all** the amounts that can be made using only **5p** coins.

20p

13p

51p

15p

30p

22. Look at the three symbols below.

+ − =

Use two of the symbols to complete the number sentence below.

12 **5** **7**

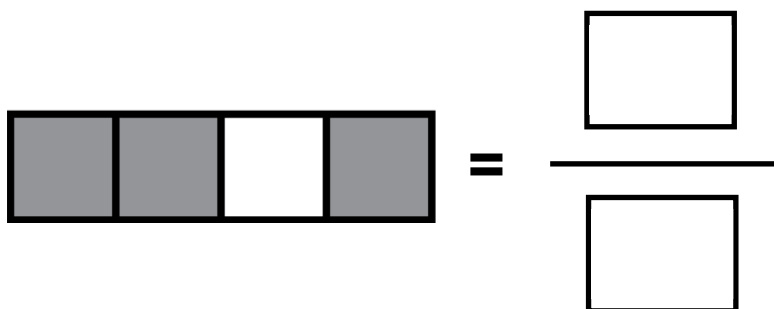
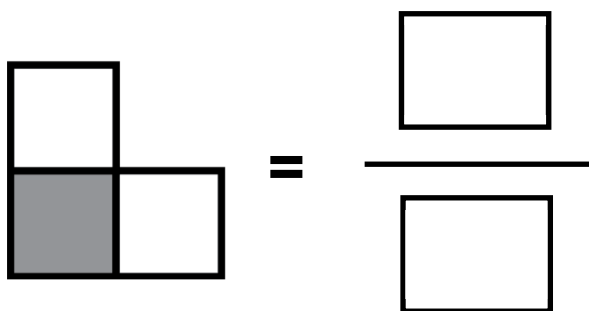
Now use two of the symbols to complete this number sentence in a different way.

12 **5** **7**

23. Look at the three shapes below.

What fraction of each shape is shaded?

One is done for you.



24. Amy has 75p.

Ben gives Amy three 5p coins.

How much money does Amy have now?

_____ p

25. A train has 93 people on board.

At the station 21 people get off.

Then 9 people get on.

How many people are on the train now?

Show your working.

_____ people

26. Here is a number sentence:

$$12 + 7 = 19$$

Tick or mark the **two calculations below that can be used to check if the number sentence is correct.**

$$19 - 12$$

$$19 + 12$$

$$19 + 7$$

$$19 - 7$$

27. Look at the four statements below.

Only one of the statements is correct.

$$3\text{cm} > 3\text{m}$$

$$3\text{kg} > 3\text{g}$$

$$3\text{ml} > 3\text{l}$$

$$3\text{p} > \text{£}3$$

Tick or mark the correct statement.

28. Kemi buys a banana for 23p.

She pays with a 50p coin.

Look at the four sets of coins below.

They are labelled P Q R and S.

Set P 20p 10p

Set Q 1p 10p 2p 10p

Set R 5p 20p 2p

Set S 5p 5p 10p

Tick or mark the letter of the set of coins that shows how much change Kemi gets.

29. A puzzle has **40** pieces.

Ben places **6** pieces into the puzzle.

Sita places **19** pieces into the puzzle.

How many pieces are left to finish the puzzle?

Show your working.

_____ pieces

30. The times below show when each class went to lunch.

Class A 12:30

Class B 11:45

Class C 12:15

Class D 12:45

**Put the classes in the order they went to lunch,
starting from first to last.**










One is done for you.

first

last

31. Look at the chart below.

Key:  stands for 2 sandwiches

Sandwich	Number of sandwiches
tuna	 
cheese	   
egg	  

Look at the four lists of sandwiches below.

2 tuna 4 cheese 3 egg

2 tuna 2 cheese 3 egg

4 tuna 7 cheese 6 egg

4 tuna 8 cheese 6 egg

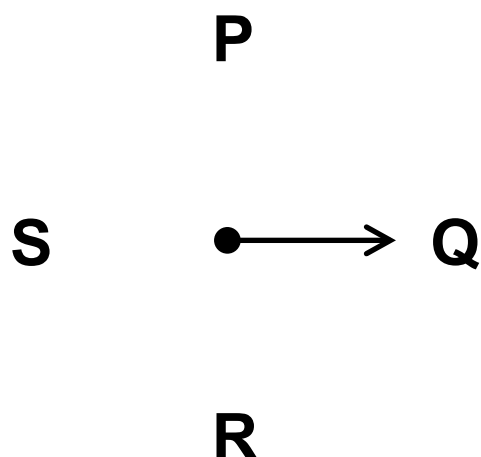
Tick or mark the list that shows the correct number of sandwiches in the chart.

32. Look at the list of numbers below.

Tick or mark *two* numbers that add together to make 70

27 35 37 43 45

33. Look at the diagram below.



The arrow starts at Q and finishes at P.

The arrow is turning in a clockwise direction.

How much has the arrow turned?

Tick or mark the correct answer.

quarter turn

half turn

three-quarter turn

full turn

End of test

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Key stage 1 mathematics
Modified large print version of Paper 2: reasoning

Print version product code: STA/25/8908/MLp ISBN: 978-1-83507-286-8
Electronic PDF version product code: STA/25/8908/MLe ISBN: 978-1-83507-300-1

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