

The Mum Educates

# Key Stage 1

## Mathematics

### Paper 2: reasoning

First Name	
Middle Name	
Last Name	

Total marks

1

Tick the shape that has 6 corners.



2

Circle the **heaviest** animal.



8 KG



800 g

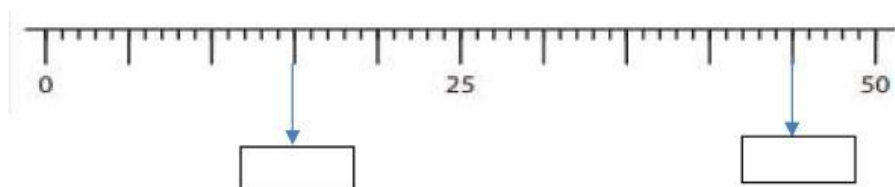


1 KG

3

Look at the number line.

Write the correct numbers in the boxes below.



4

In a pack of stickers there are 4 plain stickers and 2 shiny stickers.

I buy 3 packs of stickers.

How many shiny stickers will I have?

Show your  
working.

shiny stickers

5

Look at the sequence.

Write two missing numbers in the sequence.

47
39
35
31
23
19

6

Tom's small birthday cake is divided equally between four people.



What fraction of the cake do they each get?

7

Sam's school starts at 9 o'clock.  
He leaves for school at this time.



The school journey takes 60 minutes.

What time he will reach school?

Will he reach school on time?

Tick one:

Yes

No

8

Here are the signs:

<

=

>

Add the correct symbols to compare the lengths.

32 cm	<input type="text"/>	42 cm
77 cm	<input type="text"/>	70 cm

9

Jen has a bag of 30 marbles.

At playtime her friend Sara takes 8 marbles out of the bag.

Sam also takes 12 marbles out of the bag.

How many marbles are left in the bag?

marbles

10

Sam writes the answer to the calculation below.

$$24 + 37 = 61$$






Now write a subtraction calculation to check Sam's answer.

-

=

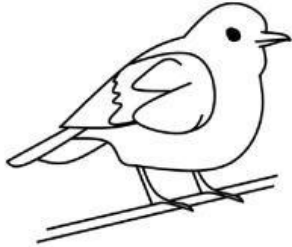
11

Draw lines to match 3D shapes to their properties.

	1 curved face No vertices No edges
	1 circular face 1 vertex
	6 rectangular faces 12 edges
	6 square faces 8 vertices
	2 circle faces and 1 curved face 2 curved edges

12

A sparrow has 2 legs.



There are 9 sparrows.

How many legs do 9 sparrows have altogether?

legs

12

Mr. Ali has £1.50.

He wants to buy rubbers for everyone coming to his party.

Each rubber cost 50p.



50p

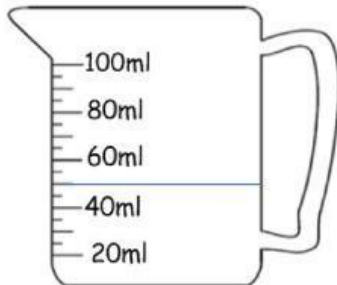
How many rubbers will he be able to buy?

rubbers

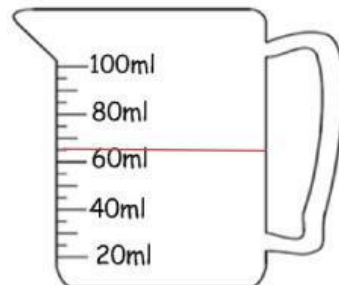


13

Jug A and Jug B are containing some juice.



Jug A



Jug B

Which jug contains more juice?

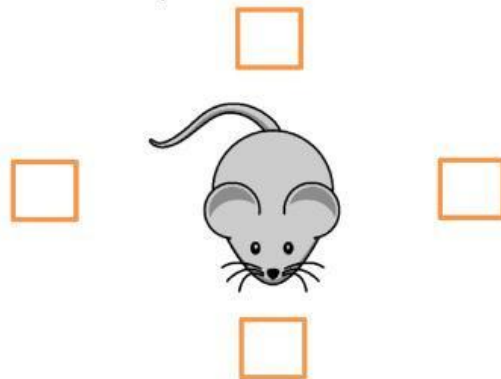
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How much more juice does it contain?

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15

The mouse took three quarter turn anti-clockwise.



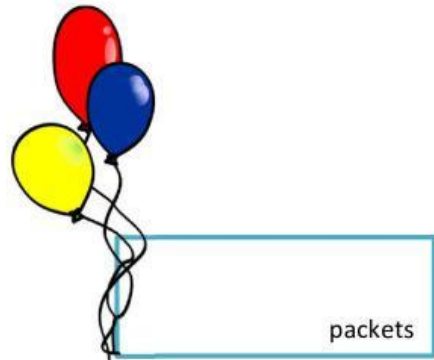
Tick the box where you think the mouse will face after turn.

16

For Sam's birthday, Sara bought 30 balloons.

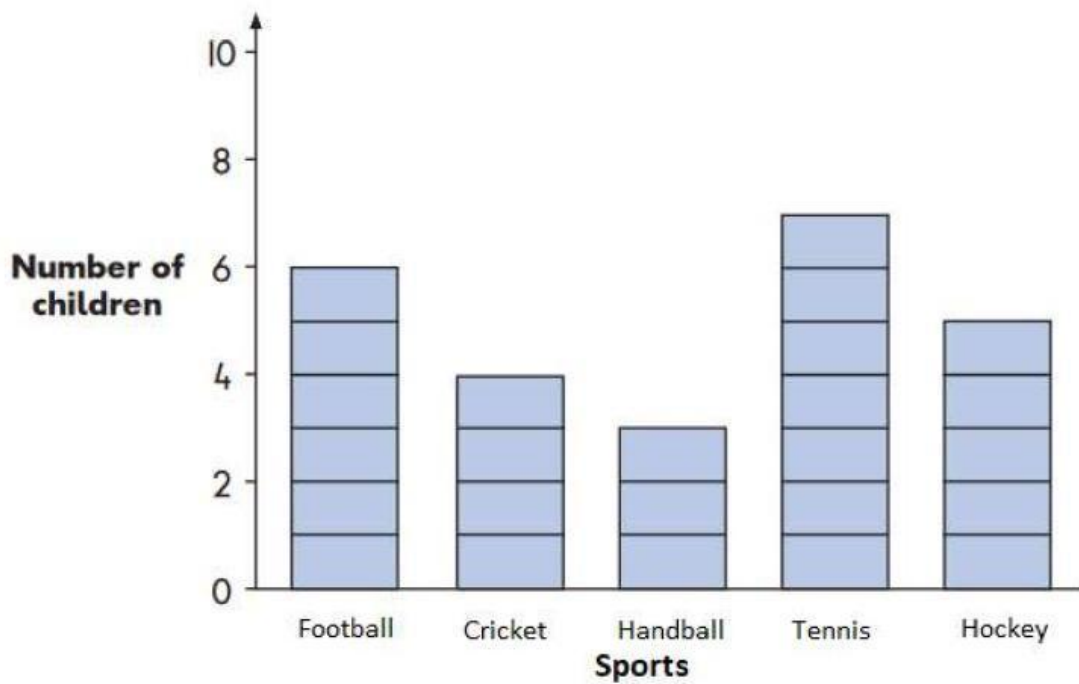
She puts 5 balloons in each packet.

How many packets did she have?



17

This graph shows which sport children like best.



How many children like Tennis best? \_\_\_\_\_

How many more children choose Hockey than Handball? \_\_\_\_\_

How many children like Football, Cricket and Hockey? \_\_\_\_\_

18

There are 12 biscuits in a pack.



Sam ate  $\frac{1}{4}$  of them.

How many did he eat?

biscuits

19

Sally wants to buy this juice.



He has these coins.



He needs **one more** coin. Draw a circle around the coin he needs.



20

Tick the shapes that shows  $\frac{1}{2}$  is equivalent to  $\frac{2}{4}$ .



21

Sort the pencils from longest to shortest. Use a ruler to measure the length of the pencils below.



A



B



C

22

There are 19 children in year 1.

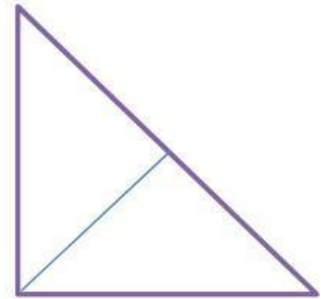
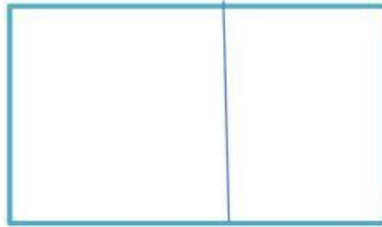
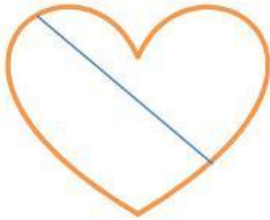
There are 12 children in year 2 and 24 children in year 3.



Find the total number of children in the school.

children

- 23 Tick the shape that has line of symmetry.



- 24 A train had 9 passengers.  
Each passenger had two suitcases.

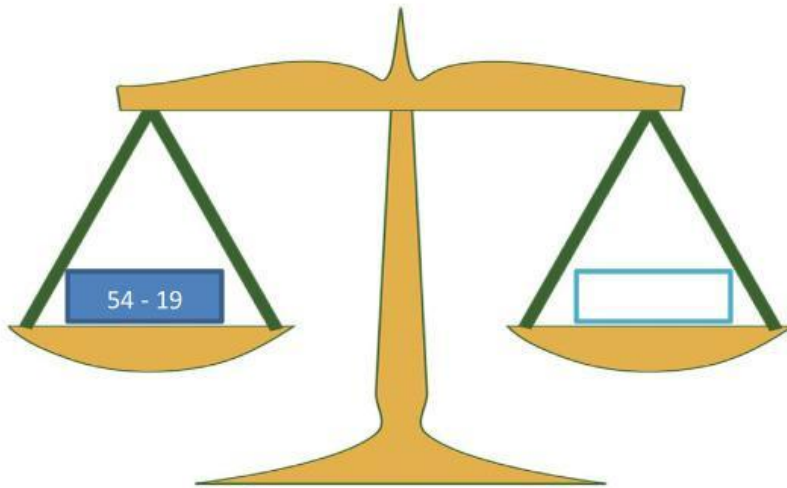


How many suitcases did they have altogether?

suitcases

25

Use your knowledge of number facts to solve this problem.



Find the parcel that balance the scale.

$12 + 13$

$27 + 8$

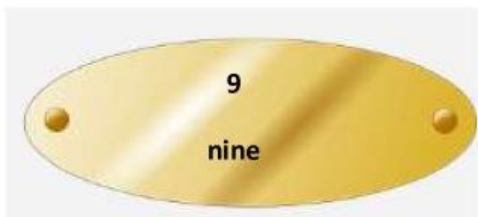
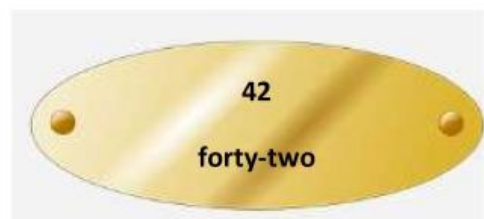
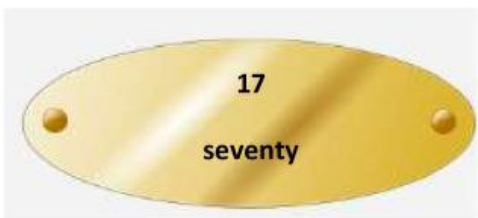
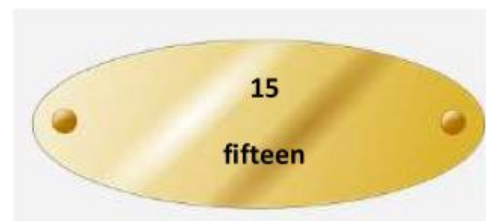
$19 + 19$

26

On these door plates, the word should match the number.

One of these door plates is wrong.

Draw a cross on the door plate that is wrong.



END OF TEST