

Year 2 – End of Summer Term

(Meeting end of year expectations)

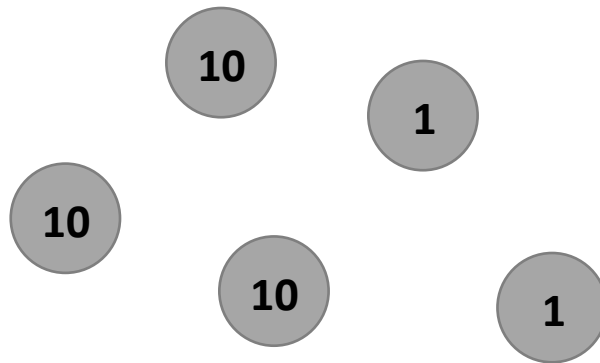
Mathematics

Paper 2: reasoning

First name	
Middle name	
Last name	

Total marks

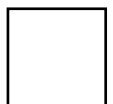
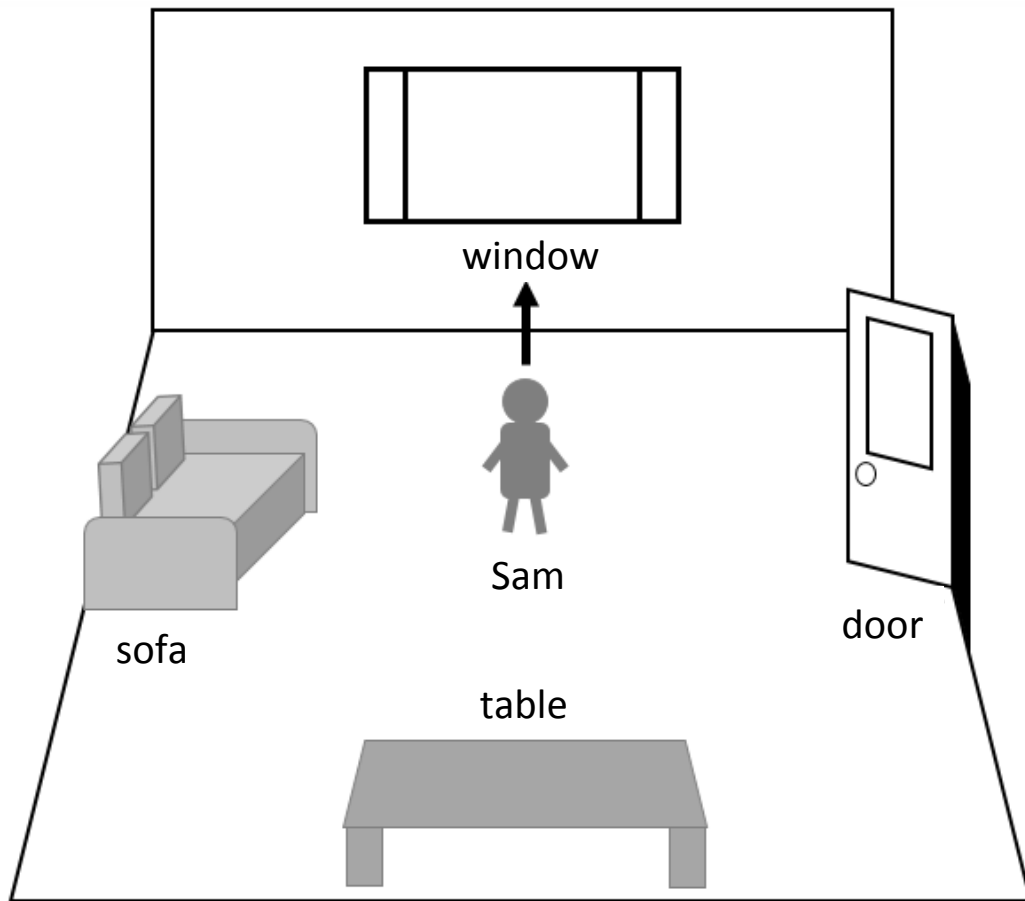
Practice question



1

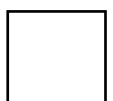
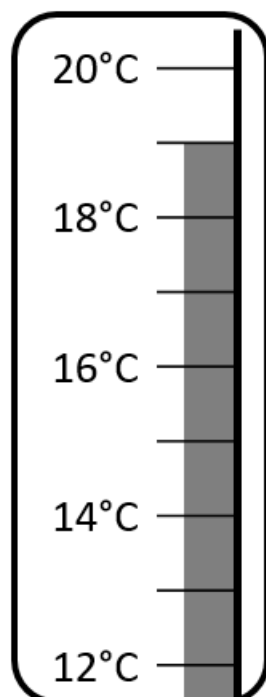
1 mark

2



1 mark

3



1 mark

4

$\frac{1}{2}$

$\frac{1}{4}$

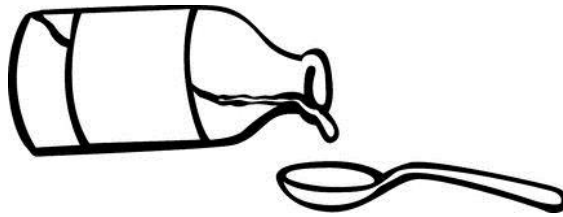
$\frac{1}{3}$

$\frac{3}{4}$

☐

1 mark

5



5ml

50ml

100ml

1 litre

☐

1 mark

6

A ribbon is **93cm** long.

It needs to be cut into pieces of ribbon that are **10cm** long.

How many **10cm** pieces can be cut?

1 mark

How much ribbon will **be left**?

1 mark

7

Lin has read 46 pages of her book.

Ben has read 13 pages **fewer** than Lin.

How many pages has Ben read?

1 mark

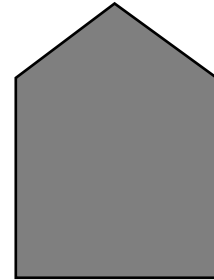
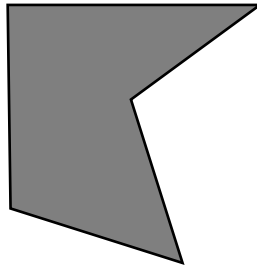
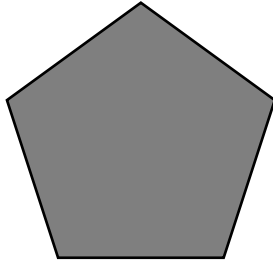
8

Tick the shape that is being described.

It has five sides.

Three sides are the same length.

It has a line of symmetry.


☐

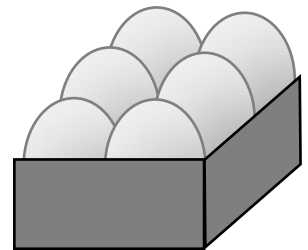
1 mark

9

Sara collected the eggs that her chickens had laid.

There were **20 eggs**.

She put them into **boxes of six**.



How many boxes did she need to hold **all** of the eggs?

boxes

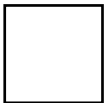
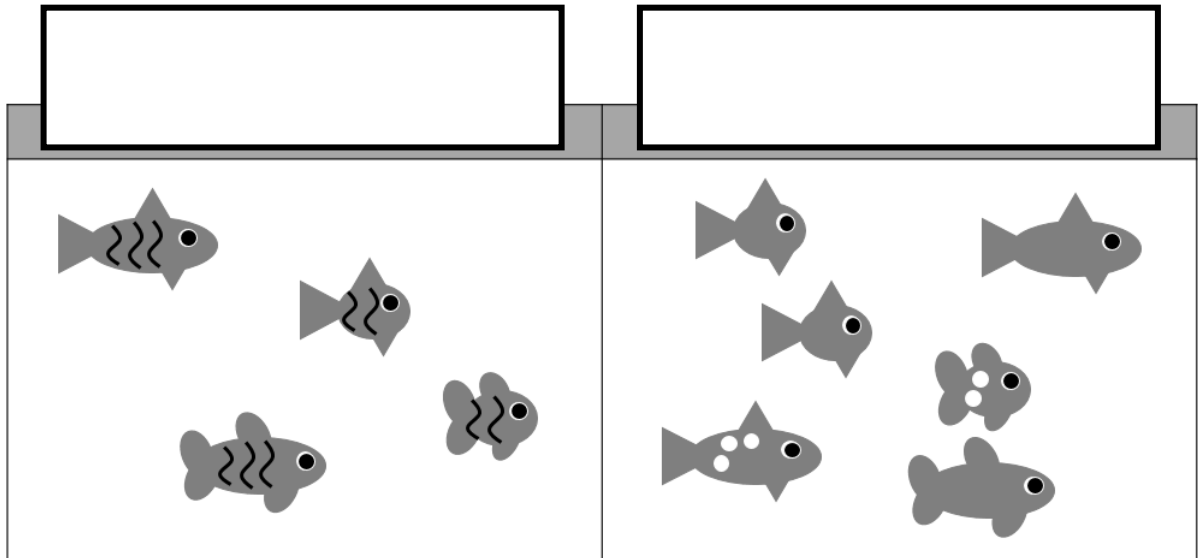
☐

1 mark

10

These fish have been sorted into two groups.

Write the labels to show how they have been sorted.



1 mark

11

There are **eight quarters** of orange on one plate.

There are **four quarters** of orange on another plate.

The quarters are put together.

How many quarters are there altogether?

quarters

1 mark

How many full oranges would this be the same as?

oranges

1 mark

12

Sara knows that $3 + 4 = 7$ Explain how she can use this to work out $30 + 40$
☐

1 mark

13

These numbers have been sorted into whether they are **odd or even**.**Two numbers** are in the wrong places.Put a **cross (x)** on the numbers in the **wrong places**.

odd	even
87	14
49	76
35	41
58	22
93	90

☐

1 mark

14

Sara has collected **71 stickers**.

How many **more** stickers does she need to have **80 stickers**?

stickers

1 mark

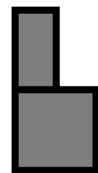
15

Here is a pictogram showing the number of books in four classes.

Each full square represents 10 books.



= 10 books



Class 1

Class 2



Class 3



Class 4

How many **books** does Class 4 have?

books

1 mark

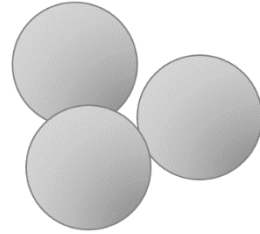
Class 2 has **45 books**.

Complete the pictogram to show the information for **Class 2**.

1 mark

16

Juggling balls are sold in **packets of three**.



How many juggling balls are there in **six packets**?

--

balls

--

1 mark

17

Lin and Sara have each made a tower out of bricks.

Lin's tower is **36 bricks** tall.

Sara's tower is **47 bricks** tall.

They put Lin's tower on top of Sara's tower.

How many bricks are in the tower now?

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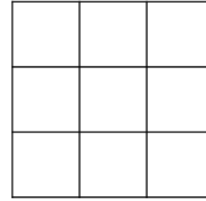
bricks

--

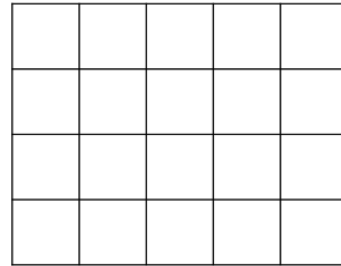
1 mark

Match the multiplication calculations to the correct arrays.

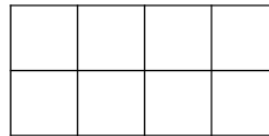
5×4



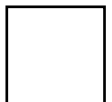
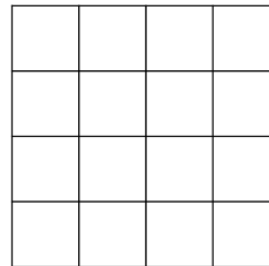
4×2



2×4



3×3



2 marks

19

Sara buys **two items** and spends **exactly 65p**.

hair slide	30p
drink	25p
lollipop	15p
dice	40p
banana	60p

Which **two items** did Sara buy?

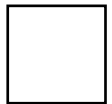
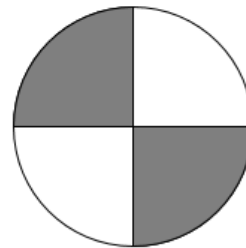
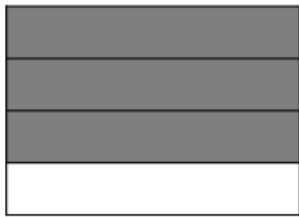
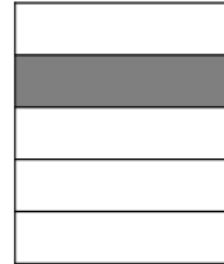
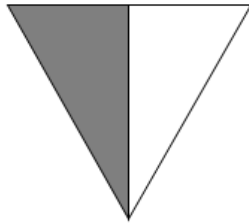
_____ and _____

☐

1 mark

Which **two fractions** show the same amount

Join them with a line.



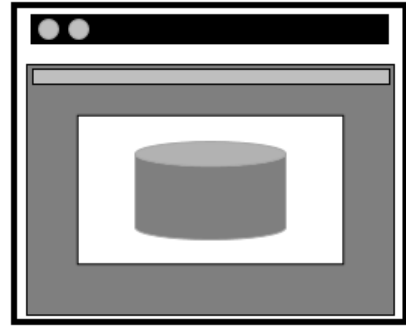
1 mark

21

Sara's dad is baking a cake.

It takes **20 minutes** to bake in the oven.

He put it in the oven **5 minutes ago**.



How much **longer** does it need to bake in the oven?

minutes

1 mark

22

Circle all the numbers that would **round to 40 to the nearest 10**.

32

42

39

49

45

1 mark

23

Ben got a total of £86 for his birthday.

He spent half of his money on toys for his pet cat.



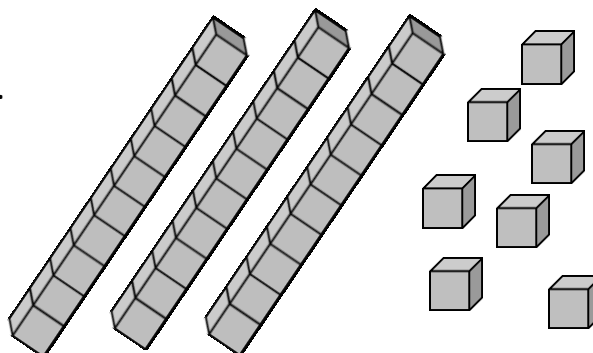
How much money did he **have left**?

£

1 mark

24

Lin is thinking of a number.
She **adds 14** to the number.
The answer is **37**

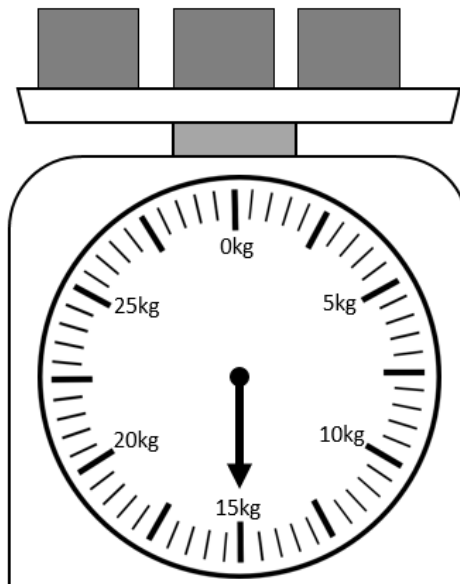


What number was Lin thinking of?

1 mark

25

The three parcels on the scale all have the **same mass**.



What is the mass of **one** parcel?

 kg

1 mark

26

The children in Year 2 were asked where they would like to go on their school trip.

The table shows how many children voted for each place.

zoo	21
park	13
cinema	20
farm	16

Which is the **third** most popular choice?

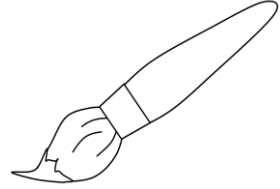
1 mark

How many children chose **zoo** and **park altogether**?

1 mark

27

Ben spent **half an hour** painting a picture in class.



How many **minutes** did he take?

minutes

1 mark

28

Sam planted a bamboo shoot when it was **34cm tall**.

Four weeks later it had **doubled** in height.

How tall was the bamboo plant then?

cm

1 mark

29

At the summer fair, the sweet tombola costs **10p** for **each** turn.

Ben has **84p**

Sam has **50p**

Lin has **44p**

How much do they **each** have left after they all have **one** turn?

Ben

p

Sam

p

Lin

p

2 marks

END OF TEST