

Tables - Questions

Key Stage 2: 2004 Paper B

1.

4



A school has sports day.

The winner of each event scores **10 points**.

This chart shows the points scored by each team.

Event	Team				
	Red	Green	Blue	Yellow	White
100m	8	6	2	10	4
Long jump	10	2	6	4	8
Relay	4	6	8	10	2
High jump	8	2	10	6	4

How many **events** did the **Yellow team** win?



4a
1 mark

Which team came **second** in the **relay**?



4b
1 mark

1.

22

On Monday all the children at Grange School each play one sport.


They choose either hockey or rounders.



There are **103** children altogether in the school.

27 girls choose hockey.

Write all this information in the table.
Then complete the table.



	hockey	rounders	Total
boys	22		
girls			53
Total			

22i

22ii

2 marks

1.

12

Five children have ticked this table to show on which days they are free to go out.

	Emma	David	Lin	Jack	Rosie
Mon		✓	✓		✓
Tue	✓		✓	✓	
Wed		✓			✓
Thu			✓	✓	✓
Fri	✓	✓			✓

On how many days are **more than two** children free to go out?



12a

1 mark

On which days are Lin and Rosie both free to go out together?



12b

1 mark

Key Stage 2: 2007 Paper B

1.

5

Some children were asked to choose their favourite animal in the zoo.

This table shows the results.

	Girls	Boys
zebra	9	3
lion	4	9
giraffe	7	4
monkey	8	7
elephant	6	5

How many more girls than boys chose giraffes?



5a
1 mark

How many more boys chose lions than elephants?



5b
1 mark

Which animal was chosen by the greatest number of children?




5c
1 mark

1.

10

Here is a number chart.

Circle the **smallest** number on the chart that is a multiple of **both** 2 and 7




71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

10a

1 mark

Here is the same number chart.

Circle the **largest** number that is **not** a multiple of 2 or 3 or 5



71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

10b

1 mark

2.

15

Here is part of the timetable for Class 6 on a Monday.

am		pm			
10:35	10:55	11:45	12:20	1:15	2:15
break	History	Science	lunch	PE	

Look at the timetable.

How long is it from the **end** of break to the **start** of lunch?



15a

1 mark

Nisha leaves the Science lesson after 25 minutes.

Then she goes to the dentist.

What time does she leave the Science lesson?



15b

1 mark

Key Stage 2: 2009 Paper A

1.

5

This table shows where 100 people went on holiday in 2007 and 2008.

	2007	2008
Spain	18	26
England	38	17
Scotland	21	13
Wales	19	28
USA	4	16

Look at the table.

How many **more** people went to Wales than to Scotland in 2008?



5a

1 mark

Which country had the **greatest increase** in visitors from 2007 to 2008?



5b

1 mark

Key Stage 2: 2010 Paper A

1.

3

This table shows six different types of cat and where they are found in the world.

	Europe and Middle East	Asia	Africa
Jungle cat	✓	✓	✗
Wildcat	✓	✓	✓
Tiger	✗	✓	✗
Lion	✗	✓	✓
Cheetah	✗	✗	✓
Leopard	✓	✓	✓

Use this table to answer these questions.

Which type of cat is found **only** in Africa?



3a

1 mark

Which types of cat are found in all three parts of the world?



3b

1 mark

1.

5

This table shows the opening times of a pet clinic.

  Pet Clinic  	
Monday	10am to 4:30pm
Tuesday	10am to 4:30pm
Wednesday	Closed all day
Thursday	10:30am to 2:30pm
Friday	1pm to 6:30pm
Saturday	10am to 5:30pm
Sunday	Closed all day

How many hours is the clinic open on Thursday?



hours

5a
1 mark

On which day is the clinic open for the longest time?



5b
1 mark

Liam takes his dog to the clinic on Saturday.

He arrives at 9:25am.

How many minutes is it before the clinic opens?



minutes

5c
1 mark

2.

9

This table shows the four most popular names for baby girls born each year from 2004 to 2008.

	2004	2005	2006	2007	2008
1st	Emily	Jessica	Olivia	Grace	Olivia
2nd	Ellie	Emily	Grace	Ruby	Ruby
3rd	Jessica	Sophie	Jessica	Olivia	Grace
4th	Sophie	Olivia	Ruby	Emily	Emily

In how many years was Olivia in the **top three** most popular names?



9a

1 mark

Write **all** the years when Emily was a more popular name than Jessica.



9b

1 mark


1.

1

Here is information about pupils in a class.

- The total number of pupils is 30
- 26 of the pupils do not wear glasses.
- A quarter of the pupils who do wear glasses are boys.
- There are 2 more boys than girls.

Use the information to fill in the missing numbers in the table below.



	Number who do wear glasses	Number who do not wear glasses	Total
Number of boys			
Number of girls			
Total			30

(2 marks)

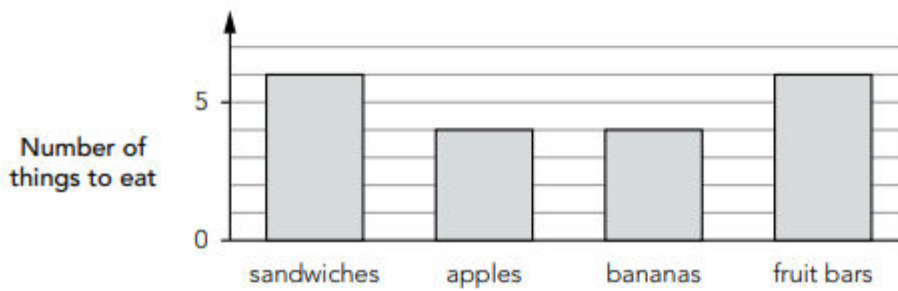
1.

5

This table shows the number of things to eat in **five** children's lunch boxes.

	sandwiches	apples	bananas	fruit bars
Lisa	1	2	0	2
Jack	2	0	2	1
Kemi	1	1	0	2
Nik	1	2	1	0
Ben	2	1	2	1

Here is a graph of the information for **four** of the children.



Which child's information is missing from the graph?



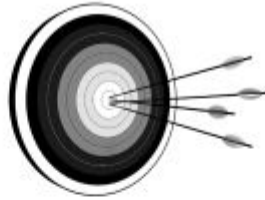
Explain how you know.



(1 mark)

1.

12 Archery is an Olympic sport.



In 2008, two archers called Park and Zhang were in the women's final.

Both archers shot **12 arrows**.

Zhang won the final **by 1** point.

Complete the table for Zhang below.

You can use the space to show your calculations.

Show your method

Name of archer: Park		Name of archer: Zhang	
What she scored with her 12 arrows		What she scored with her 12 arrows	
Number of points	Frequency	Number of points	Frequency
7	0	7	1
8	4	8	0
9	3	9	
10	5	10	

(2 marks)

1.

6

Kirsty, Seb, Mina, Jack and Donna belong to a sports club.

This table shows the sports they do in one week.

	Mon	Tues	Wed	Thurs	Fri
Swimming	Kirsty Jack		Jack	Kirsty Donna	Donna
Jogging	Seb	Mina			Mina Kirsty Jack
Cycling		Kirsty Donna		Jack	Seb

How many of the children do **not** go swimming?



6a
1 mark

Write the names of all the children who go **both** jogging **and** cycling.



6b
1 mark

1.


8

The table below shows five journeys a taxi driver made one day.

journey number	start time	number of passengers	distance	cost
1	9:15am	2	8km	£7.50
2	9:40am	1	12km	£9.90
3	10:30am	3	7km	£7.60
4	10:50am	1	21km	£15.50
5	12:10pm	4	15km	£12.00


On journey number 5, the passengers shared the cost equally.

How much did **each** passenger pay?

 £

8a
1 mark

How many **passengers** made journeys of more than 10km?

 passengers

8b
1 mark

The 12km journey took 40 minutes.

What time did the taxi finish its journey?

 am

8c
1 mark

1.

7

Megan goes on a walking holiday for five days.

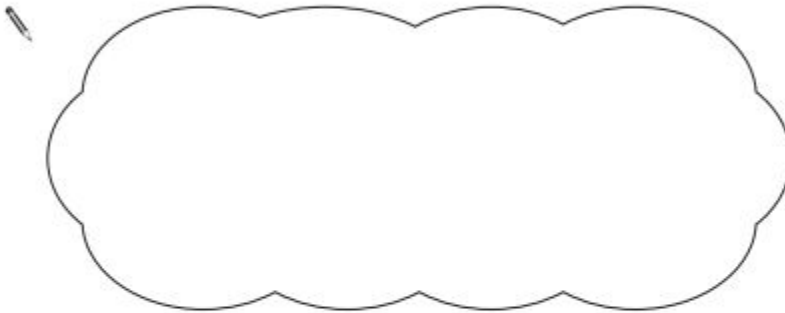
The table shows how far she walked on the first four days.

Monday	Tuesday	Wednesday	Thursday
14km	23km	13km	13km

Megan says,

'My average for the first four days is more than 15km.'

Explain why Megan is **correct**.



1 mark

Friday is her last day.

She wants to increase her average to **17km**

How many kilometres must she walk on Friday?



Show your method

km

2 marks

1.

11

Five children took part in a chess competition.

They each played six games.

This table shows how many games each child won, drew or lost.

	won	drew	lost
Alfie	1	3	2
Megan	2	2	2
Chen	3	3	0
Donna	4	0	2
Tom	0	5	1

How many children drew more games than they lost?



11a

1 mark

Each child scores two points for a win,
one point for a draw,
no points for a loss.

Who scored the most points?



11b

1 mark

1.

11 Seb saved up for a new skateboard that cost £40



The table shows how much money he saved each week.

Week number	1	2	3	4	5	6	7	8	9	10
Amount saved	£5	£4	£2	£4	£3	£4	£6	£4	£3	£5

In which week did Seb reach **half** the amount he needed for the skateboard?



11a
1 mark

If Seb had saved an extra £1 each week, in which week would he have reached his target of £40?



11b
1 mark

2.

12

This weather chart shows the highest and lowest temperatures in a town on five days in March.

	Temperature °C	
	highest	lowest
Monday	+7	0
Tuesday	+7	-2
Wednesday	+8	-2
Thursday	+9	+1
Friday	+4	-5

Which day has the greatest difference between the highest and the lowest temperatures?



12a

1 mark

What is the difference between the lowest temperatures on Thursday and Friday?



degrees

12b

1 mark

1.

16

Amy did a survey of what time people get up on a Sunday morning. This table shows her results for 150 people.

Time	number of people
before 7:00am	13
7:00am to 7:59am	28
8:00am to 8:59am	59
9:00am to 9:59am	36
10am and after	14

Look at the table.

How many people get up at **8am or later**?



16a

1 mark

Amy says,

'Two-thirds of the 150 people in the survey get up before 9am.'

Amy is correct.

Explain how you know.



16b

1 mark

1.

3

There are 90 children in Year 6 at Woodland Junior School.

They are split into three classes.

Class	Number in class
6M	27
6P	33
6T	30

Each child chose football **or** netball **or** hockey.

In **6M**, 13 children chose hockey.

The rest of the class were split equally between football and netball.

In **6P**, 9 children chose netball.

Twice as many children chose football as chose hockey.

In **6T**, the ratio of children who chose football to netball to hockey was 1:2:3

Complete this table.



Class	Number in class	Football	Netball	Hockey
6M	27			13
6P	33		9	
6T	30			

2 marks

1.

1

Megan likes honey, but not jam.

Alfie likes honey and jam.

Chen does not like honey or jam.

Donna only likes jam.

Write the children's names in the correct parts of the sorting diagram.



	likes honey	does not like honey
likes jam		
does not like jam		

1i

1ii

2 marks

1.

17

Seven children measured their heights.

Children	Height (cm)
Stefan	144
Lara	136
Olivia	142
Chen	143
Maria	152
Dev	148
Sarah	150

What is the mean height of the children?

Show your method

cm

2 marks

Key Stage 2: 2016 Paper 2 Reasoning

1.

4

This table shows the number of people living in various towns in England.

Town	Population
Bedford	82,448
Carlton	48,493
Dover	34,087
Formby	24,478
Telford	166,640

What is the **total** of the numbers of people living in Formby and in Telford?

1 mark

What is the **difference** between the numbers of people living in Bedford and in Dover?

1 mark

1.

2

This table shows the temperature at 9am on three days in January.

1st January	8th January	15th January
+ 5°C	- 4°C	+ 1°C

What is the difference between the temperature on 1st January and the temperature on 8th January?

 °C

1 mark

On 22nd January the temperature was 7 degrees lower than on 15th January.

What was the temperature on 22nd January?

 °C

1 mark

1.

4

This table shows the heights of three mountains.

Mountain	Height in metres
Mount Everest	8,848
Mount Kilimanjaro	5,895
Ben Nevis	1,344

How much higher is Mount Everest than the combined height of the other two mountains?

Show
your
method

A large grid for showing the method to solve the problem. A small box with the letter 'm' is provided for the final answer.

2 marks

1.

5

Here are the temperatures in four cities at midnight and at midday.

	Temperature	
City	At midnight	At midday
Paris	-4°C	-2°C
Oslo	-13°C	-7°C
Rome	3°C	10°C
Warsaw	-6°C	2°C

At **midnight**, how many degrees colder was Paris than Rome?

degrees

1 mark

Which city was 6 degrees colder at midnight than at midday?

_____ 1 mark

1.

12

This table shows the areas of the United Kingdom and Jamaica.

Country	Area (square kilometres)
United Kingdom	240,000
Jamaica	10,000

The area of the United Kingdom is larger than the area of Jamaica.

How many times larger is the United Kingdom?

times larger

1 mark

1.

15

Amina asked 60 children to choose their favourite flavour of jelly.

These were her results.

Flavour	Number of children
Raspberry	12
Lemon	8
Orange	15
Blackcurrant	25
Total	60

What **percentage** of the 60 children chose orange?

 %

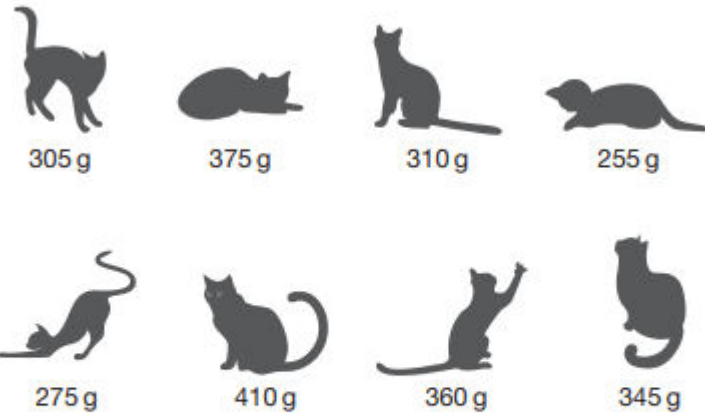
1 mark

Key Stage 2: 2019 Paper 3 Reasoning

1.

7

This picture shows the masses of eight kittens.



What is the **difference** in mass between the heaviest kitten and the lightest kitten?

1 mark

The masses of the kittens are to be put in four groups.

Write the missing numbers in the table.

One has been done for you.

Mass in g	Number of kittens
250–299	
300–349	
350–399	
400–449	1

1 mark