Key stage 1

Mathematics

Paper 2: reasoning

First name	
Middle name	
Last name	

Total marks

Ajay

Amy

Ben

kemi

Sam

Sita

Practice question

pumpkins

1

two-digit number

less than 20

odd number

2

40

3

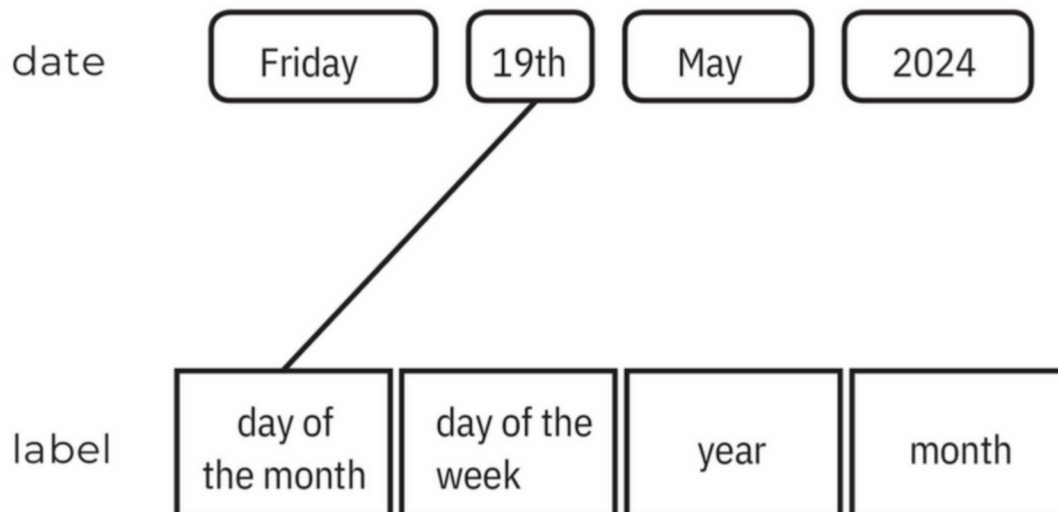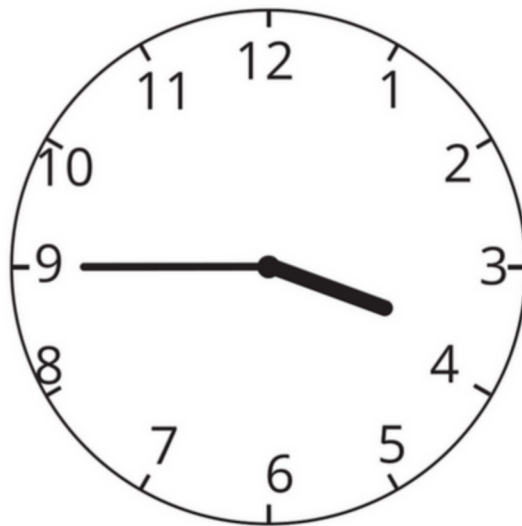<div style="border: 2px solid blue; width: 300px; height: 150px;"></div>

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

One is done for you.

date | Friday | | 19th | | May | | 2024 |

label | day of the month | day of the week | year | month |

5

Tick **one**.

quarter to 9 ☐

quarter to 4 ☐

quarter past 9 ☐

quarter past 4 ☐

1 mark

Prepare 4 SATS

6 Put these numbers in order from smallest to largest.

One is done for you.

46   88   92   57   ~~18~~

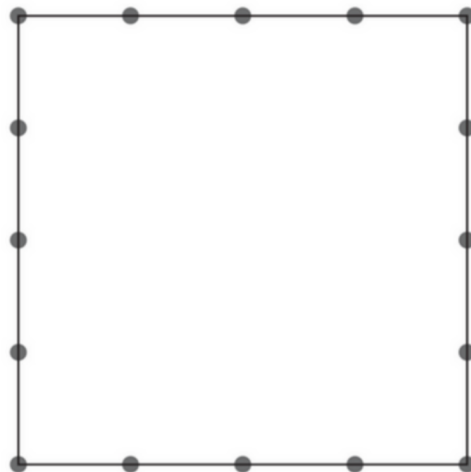| 18				

smallest   largest

1 mark

7 Kemi has 15 black buttons and 6 white buttons.

How many buttons does Kemi have altogether?

buttons

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

Prepare 4 SATS

9 Ben has 1**0** stickers.

Sam has 2**0** stickers.

Ajay has 4**0** stickers.

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

stickers

1 mark

10 This number sentence equals 18

$$\boxed{1} + \boxed{1 \mid 7} = \boxed{1 \mid 8}$$

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

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

$$\boxed{} + \boxed{1 \mid } = \boxed{1 \mid 8}$$

1 mark

11 Look at the balloons.

How many balloons are red?

How many balloons are blue?
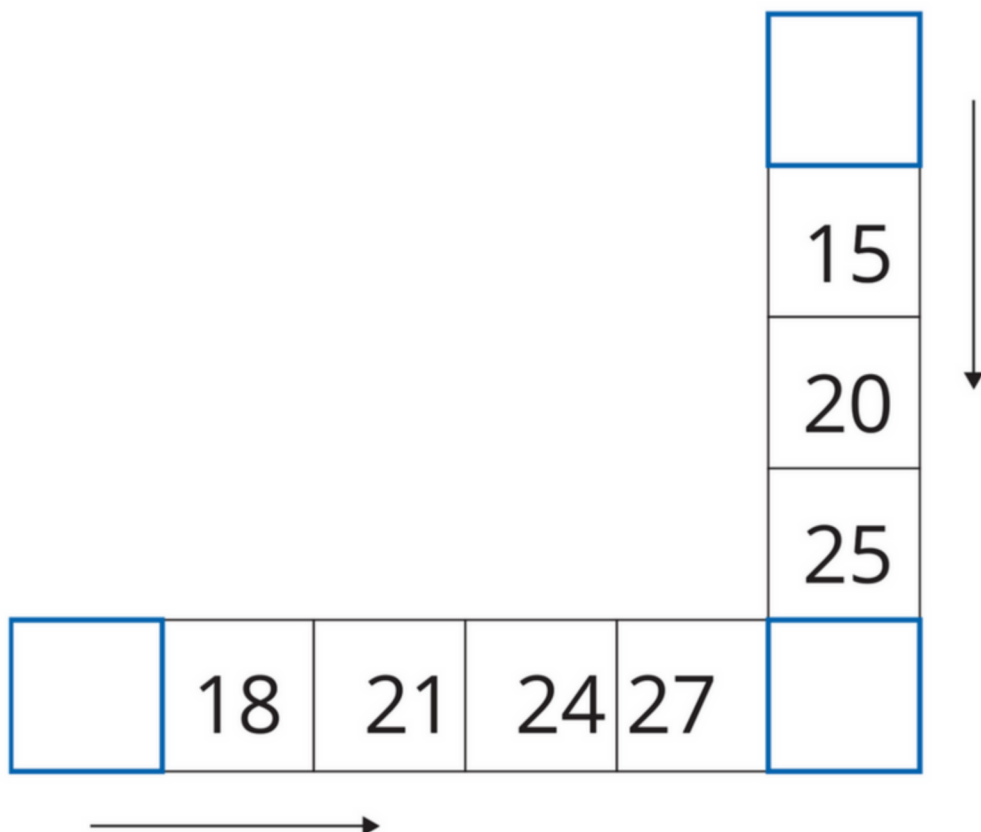
How many balloons are there altogether?

Prepare 4 SATS

12 Here are two number patterns.

There are three missing numbers.

Write them in the empty boxes.

		15
		20
		25
	18	21	24	27	

13 Circle **two** numbers that add upto 28

10

20   8   16

15   7   5

Fill in two numbers to make this true.

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

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

One is done for you.

Number	Tens	Ones
40	4	0
15		
9		

1 mark

15 Look at these numbers.

| 25 | 30 | 5 |

Use these numbers to complete the number sentences below. Use all three numbers each time.

$$\boxed{} + \boxed{} = \boxed{}$$

$$\boxed{} - \boxed{} = \boxed{}$$

1 mark

Prepare 4 SATS

16 Ben has 10 pastries.

He eats 5 of them.

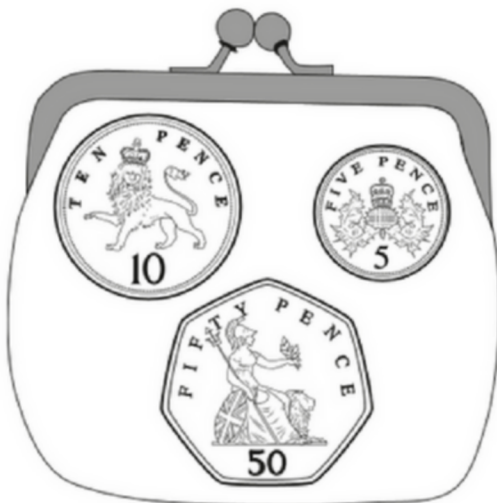How many pastries does he have left?

pastries

1 mark

17 Add up these coins in the purse to find the total amount.

1 mark

18 Circle the days of the week.

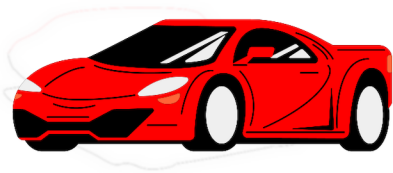Friday

Holiday

Tuesday

January

Saturday

May

1 mark

19 Circle the **slower** time in each apir.

29 seconds

55 seconds

15 minutes

25 minutes

2 hours

6 hours

1 mark

Prepare 4 SATS

20

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

How many bricks are there in **5** rows?

| | bricks |

21 Fill in the missing numbers

| 30 | 40 | 50 | | 70 | |

22 **10** children are eating donuts.

Each child eats **2** donuts.

How many donuts do they eat **altogether**?

donuts

1 mark

23 Sam puts **9** stickers in rows.

He puts **3** stickers in each row.

How many **rows** of stickers are there?

rows

1 mark

Prepare 4 SATS

24 There are **70** people in a train.

10 people get off.

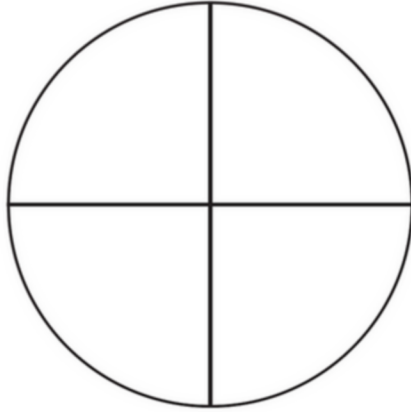**20** people get on.

How many people are there in the train **now**?

Show your working

| people |

2 marks

25 Colour in a **quarter** of the shape.

1 mark

26 Sita has £1

book
45p

ruler
15p

She buys a book and a ruler.

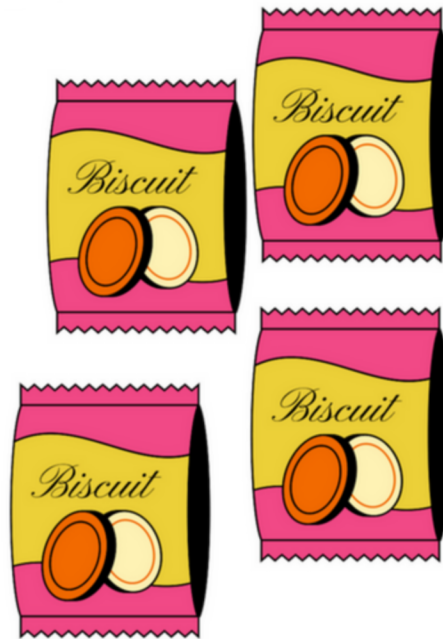How much change does Sita get from £1?

Show
your
working

| | p |

2 marks

27 Sita buys 40 biscuits. At a school fair, biscuits are sold in bags of ten.

How many bags does sita buy?

—

1 mark

28 A class of children count vehicles as they pass the school. This pictogram shows the results.

Each picture represents two vehicles.

lorry

cars

buses

motorbikes

a. Which was the most common type of vehicle that passed the school and how many passed the school?
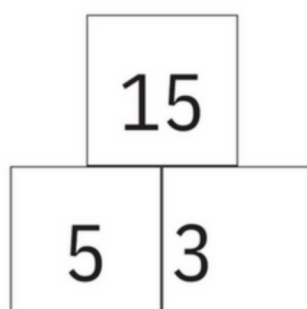
2 marks

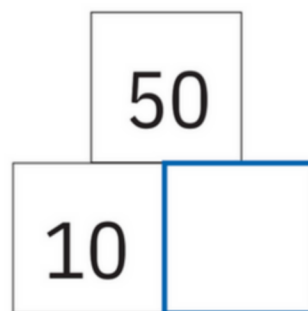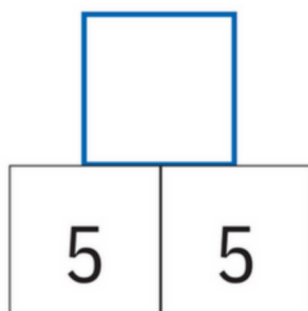b. How many more lorries than buses passed the school?

29 Kemi says,

I **multiply** the two numbers on the bottom row.

The answer is on the top row.

```
   ┌────┐
   │ 15 │
 ┌───┬───┐
 │ 5 │ 3 │
 └───┴───┘
```

Write the **two** missing numbers below.

```
   ┌────┐
   │    │
 ┌───┬───┐
 │ 5 │ 5 │
 └───┴───┘
```

```
   ┌────┐
   │ 50 │
 ┌───┬───┐
 │10 │   │
 └───┴───┘
```

2 marks

End of test

Practice question	Look at the Pumpkins. Count how many pumpkins there are **altogether**.

Question 1	I am thinking of a **two-digit** number. It is **less than** 10. It is an **odd** number. What number could I be thinking of?

Question 2	What number is 1 **less than** 40?

Question 3	Ben has **2** sweets. Amy has **4** more sweets than Ben. How many sweets does Amy have?

Question 4	Match each label to the correct part of the date.

Question 5	Look at the picture of the clock. What time does the clock show?

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