## 2019 national curriculum tests

## Key stage 1

## Mathematics

## Paper 2: reasoning

| First name |  |
| :--- | :--- |
| Middle name |  |
| Last name |  |



Amy


Ajay

## Practice question



## Monday

## Friday

## Wednesday

## Saturday

## 52 <br> 57




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## $12=\square \times 6$

5
96



1 mark

6 Match each shape to the correct description.

One is done for you.

has 4 right angles

has no vertices

7
Here are two cards.


Choose a card to make each calculation correct.

One is done for you.


8 Circle the three dice that add up to $\mathbf{1 3}$


9 Match each egg box to the correct multiplication.

One is done for you.


## $5 \times 2$



10 Sam has cards that are numbered 1 to 8

Sam turns over two of the cards.


Which two cards has Sam turned over?

Write the numbers on the cards below.


11 Complete the number sentences.

One is done for you.

$$
\begin{aligned}
& \frac{1}{2} \text { of } \square=4 \\
& \frac{1}{2} \text { of } \square=3
\end{aligned}
$$

12 Write the missing numbers in the sequence.


13 Each pair of cards has a total of 70

Write numbers to complete the pairs.

One is done for you.


14 Write the correct number in the box.


15 Amy has 50p.
She buys a pencil for 30p.


Tick the purse that shows how much money Amy has left.


16 Here is a prism.


Tick all the shapes that are faces on this prism.


17 Match each clock to the time it shows.

twenty-five past four



18 Tick the shape that has a line of symmetry.


19 Write the next number sentence in the pattern.

$$
\begin{aligned}
& 1+2+3=6 \\
& 2+3+4=9 \\
& 3+4+5=12 \\
& 4+5+6=15 \\
& \square+\square+\square=\square
\end{aligned}
$$

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20 Sam is pointing at the triangle.



He turns a half turn.
Tick the shape Sam is pointing at after the half turn.

21 Sam has four number cards.
10


## 40

Use three of his cards to make these correct.

$$
27+\square=67
$$



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22 This chart shows what class 2 ate for lunch today.


Fewer children ate pizza than burger.
How many fewer?


23 Ben has five marbles.


Kemi has seven times that number.

How many marbles does Kemi have?
marbles

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24 Sam plays a maths game.


How many points is one

equal to?



1 mark

25 Write five coins that have a total of 37p.


26 Ajay has 30 pencils.

He shares them equally between $\mathbf{3}$ pots.


Complete the number sentence to show how Ajay shares the pencils.


27 Some children make a chart of how many books they read in a week.


Which children read fewer than 5 books?

Circle them.

Ben
Kemi

Ajay
Sita

28 Put a digit into each empty box to make the calculation correct.


29 There are $\mathbf{1 0 0 g}$ of chocolate chips in the bag.
Sita uses 25g.
Ben uses $\mathbf{3 5} \mathbf{g}$.


How many grams of chocolate chips are left in the bag?


30 A shop has 12 bags of crisps.
It sells $\frac{\mathbf{1}}{\mathbf{4}}$ of the bags.
How many bags of crisps did the shop sell?


31 Ben has $\mathbf{6 3}$ beads.

He gives $\mathbf{3 7}$ beads away.

How many beads does Ben have left?

32 Ben has 90p.
He buys 2 tickets.

Ticket 35p

Each ticket costs 35p.
How much money does Ben have left?


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## Standards <br> \& Testing <br> Agency

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Paper 2: reasoning
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