Key Stage 1

Mathematics test

Aural questions

Mark scheme 3

Practice Paper 3: arithmetic

Practice Paper 3: reasoning

Structure of the key stage 1 mathematics test

The key stage 1 mathematics test is administered on paper and comprises:

• Paper 1: arithmetic (25 marks)
• Paper 2: reasoning (35 marks)

Each paper includes material drawn from the statutory section of the key stage 1 national curriculum (2014). Details of content references can be found at

- www.mathsmadeeasy.co.uk/maths-year-1.htm

and

- www.mathsmadeeasy.co.uk/maths-year-2.htm

Aural Questions

Refer to administration paper (P2) for details of how to run the test.

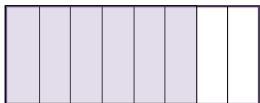| Practice question	Look at the ladybird. How many spots does the ladybird have altogether?
Question 1	Henry has four oranges He paid forty pence for the oranges. How much did each orange cost? Write your answer in the box.
Question 2	I am counting down (or backwards). When I stop counting, tick the next number I should say: ninety-three, ninety-two, ninety-one, ninety, ...
Question 3	There are <u>sixty-five</u> pieces in a jigsaw box Poppy took <u>six</u> pieces out of the box. How many pieces are left in the box? Write your answer in the box.
Question 4	Look at the array of circles. Now look at the four calculations.[Pause] Tick the calculation that describes the array. [Pause]
Question 5	Look at the pirate counter. Henry moves the pirate to some treasure. He moves the pirate <u>three</u> squares forward.[Pause] He then turns the pirate a <u>quarter of a turn anti clockwise</u> and moves it forward <u>two</u> squares. [Pause] Circle the treasure the pirate lands on.

Optional Script for Aural questions

First name	
Middle name	
Last name	

Practice question	Look at the ladybird. How many spots does the ladybird have altogether?

Question 1	Henry has **4** oranges He paid **40** p for the oranges. How much did each orange cost? Write your answer in the box.

Question 2	I am counting down (or backwards). When I stop counting, tick the next number I should say: 93 92 91 90, ...

Question 3	There are **65** pieces in a jigsaw box Poppy took **6** pieces out of the box. How many pieces are left in the box? Write your answer in the box.

Question 4	Look at the array of circles. Now look at the four calculations. Tick the calculation that describes the array.

Question 5	Look at the pirate counter. Henry moves the pirate to some treasure. He moves the pirate **3** squares forward. He then turns the pirate a **quarter of a turn anti clockwise** and moves it forward **2** squares. Circle the treasure the pirate lands on.
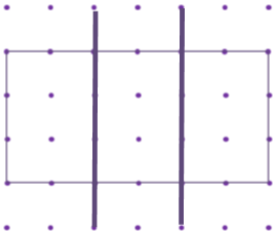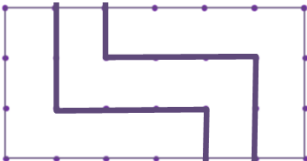
Answers for Paper 1: arithmetic

Question	Answer	Mark	Reference
P	7		
1	13	1	1C2a
2	76	1	1N2b/1N1a
3	10	1	2C1/2C2a
4	25	1	1C2a
5	17	1	2C2b
6	70	1	2C6
7	10	1	2C6
8	50	1	2C3
9	100	1	2N6/2C1
10	39	1	2C3
11	10	1	2C6/1N1b
12	38	1	1C4/2C1
13	13	1	2C3
14	78	1	2N6/2C1
15	28	1	2C8/2N1
16	60	1	2C2b
17	43	1	2N6/2C2b
18	1	1	2C6
19	44	1	2C2b
20	5	1	2C6
21	16	1	2C1/1C2b
22	9	1	2F1a
23	48	1	2C2b
24	5	1	2F1a
25	44	1	2C3/2C2b

Answers for Paper 2: reasoning

Question	Answer	Mark	Reference
P	10 dots		
1	40 ÷ 4 = 10 p	1	2C8
2	89	1	1N1a/2N2a
3	65 – 6 = 59	1	2N6
4	6 × 4	1	2C8
5		1	2P2
6	75 minutes	1	2M4b/2M4c
7	81, 73, 56, 37, 18	1	2N2b/2N3
8	11 pence,	1	2C4/2M9
9	half past four	1	1M4a/2M4a
10	81, 35, 75	1	2C6
11	a) 2 more	1	2S2b
	b) 4+6+8 = 18	1	2S1
12	approx 3cm, 3cm, **4cm**	1	2M2
13	Any from: 11<20 and 9>1 9<20 and 11>1 1<20 and 11>9 1<11 and 20>9 9<11 and 20>1 1<11 and 20>9 1<9 and 20>11	2	2N2b

14	5 grapes	1	2C8
		1	
15	82p	1	2M3a/2M9
16	7 11	1	2C1/2C3
17	$\dfrac{1}{4}$	1	2F2
18	20+15, 30+5, ie any numbers that add to 35	1	2C4
19	20 25 30 35	1	2N4
20	15 + 17=32 children 50 – 32 = **18 cakes**	1 1	2C4
21	29 + 17= 46 sheep	1	2C4
22	13 + **4** – 8 = 9	1	2C3/2C2b
23	2 × 9 = **18 chips**	1	2C8
24		1	1G1a/2G1a
25		1	2F1a
26	12×2=24 or 2×12=24	1	2C7
27	40 – 31 = 9 9 + 19 = **28**	1 1	2C4
28	23 + 27 =50, 61 + 9 =70	1	2C1/2C3
29	31 – 18 = **13**g	1	2C4

30		1	2G2b

Shape	Number of Sides
	3
	2
	5

31		1	2F1a

or

or

This mark scheme does not offer additional guidance. and it is left to the class teacher to determine outcomes. The government mark scheme should act as a guideline.