

National curriculum tests

Key Stage 1

Mathematics test

Aural questions

Mark scheme 1

Practice Paper 1: arithmetic

Practice Paper 1: 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	Circle the correct number of fives and ones to make 23.
Question 2	There are 11 carrots and 13 potato in a dish. How many vegetables are there in total?
Question 3	0, 4, 8, 12... Write the next two numbers in the sequence.
Question 4	Three numbers add up to 57. The first number is 50. The second number is 3. What is the third number?
Question 5	Write down all the even numbers between 51 and 59

Answers for Paper 1: arithmetic

Question	Answer	Mark	Reference	new
1	13	1	2C1	1C2a
2	8	1	2C1	1N2b/1N1a
3	8	1	1C4	1C4/2C1
4	55	1	2C2b	2C2b/1N1b
5	17	1	2C2b	
6	70	1	2C6	
7	10	1	2C6	
8	50	1	2C3	
9	70	1	2C1	2N6/2C1
10	5	1	2C3	
11	35	1	2C6	
12	52	1	2N1	2N6
13	82	1	2C2b	
14	5	1	2C6	2C8/2N1
15	9	1	2C3	
16	60	1	2C2b	
17	20	1	2C8	
18	9	1	2F1a	
19	53	1	2C2b	
20	5	1	2C6	2N6/2C2b
21	9	1	2C6	
22	4	1	2F1a	2N6
23	48	1	2C2b	
24	5	1	2F1a	
25	30	1	2F1a	2C1

Answers for Paper 2: reasoning

Question	Answer	Mark	Reference
P	10 dots		
1	4 fives and 3 ones circled	1	2N3
2	24 vegetables	1	2C4
3	16, 20 in any order	1	2N1
4	4	1	2C2b
5	52,54,56,58	1	2C6
6	left one	1	2M1
7	7 (apples)	1	1C4
8	Left (H) ticked has 20p,	1	1M3
9	R R L ticked	1	2N2a
10	A:17, B:23	1	2S1
11	23	1	2C4
12	equilateral scalene isosceles right angle	1	2G2a
13	2 numbers that total 17, 10+7, 9+11, etc 3 numbers that total 17 0+1+16, etc	1 1	2C1, 2C1
14	shade two rectangles anywhere 1/3	1 1	2F1a
15	68p	1	2M9

16	34 30	1 1	2N4, 2N4
17	8 (edges)	1	2G2b
18	30 (each)	1	2C4/2C8
19	4 bowls	1	2C8
20	13	1	2C4
21	cube, sphere, pyramid	1	1G1a
22	30p	1	2C4
23	points to left	1	2P2
24	22	1	2M2
25	6542	1	2N6
26	$12 \div 2 = 2 \times 3$ $4 \times 5 = 1 \times 20$	1	2C7
27	9 and 6	1	2F1a
28	$50 - 23 =$ 27 (pieces)	1 1	2C4
29	$3 + 3 < 7$ $8 \times 2 = 10 + 6$ $10 \div 2 > 4 \times 1$	1	2N2b
30	18 (pieces)	1	2C4
31	middle clock	1	2M4a

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.