

NILE TUITION ACADEMY

EXCELLENCE IN 11+ PREPARATION

Mathematics — Mark Scheme

Sutton SET style · Practice Paper 4 · Tutor / parent copy · 58 questions · 1 mark each

Award **1 mark** per correct answer; no negative marking. Maximum **58 marks**. The SET maths is KS2 content applied to less familiar, multi-step problems, so watch **how** the child works, not just the total. This diagnostic samples the **full KS2 range** — number, fractions, decimals, percentages, ratio, algebra, sequences, measures, geometry, position, statistics and data — with most questions deliberately multi-step.

Q	Topic / focus	Answer	Correct answer
1	Place Value & Number	E	81,500
2	Place Value & Number	A	1/2
3	Place Value & Number	B	100
4	Number Properties	C	32
5	Number Properties	D	120 minutes
6	Number Properties	A	12 cm
7	Fractions	A	48
8	Fractions	A	45
9	Fractions	D	4/9
10	Fractions	A	2 1/3
11	Fractions	C	1/6
12	Fractions	B	7/20
13	Fractions	C	6 3/4
14	Decimals	B	0.4
15	Decimals	A	900 ml
16	Percentages	B	£108
17	Percentages	E	£50
18	Percentages	C	96%
19	Ratio & Proportion	B	£81
20	Ratio & Proportion	C	10
21	Ratio & Proportion	D	£32
22	Algebra & Equations	D	8
23	Algebra & Equations	A	2
24	Algebra & Equations	E	10
25	Sequences & Patterns	B	the 9th
26	Sequences & Patterns	D	27

Q	Topic / focus	Answer	Correct answer
27	Money & Real-World Problems	E	5p
28	Money & Real-World Problems	D	£9
29	Money & Real-World Problems	A	£9.30
30	Measurement & Estimation	E	8
31	Measurement & Estimation	D	150 ml
32	Speed, Distance & Time	E	40 km/h
33	Speed, Distance & Time	C	60 km/h
34	Speed, Distance & Time	A	15:15
35	Angles & Shape Properties	C	90°
36	Angles & Shape Properties	D	110°
37	Geometry — Area / Perimeter / Volume	B	98 cm ²
38	Geometry — Area / Perimeter / Volume	A	26 cm
39	Geometry — Area / Perimeter / Volume	A	54 m ²
40	Geometry — Area / Perimeter / Volume	B	24
41	Geometry — Area / Perimeter / Volume	E	13 litres
42	Data Interpretation	C	76
43	Data Interpretation	D	14
44	Data Interpretation	B	29
45	Coordinates & Graphs	E	(1, 2)
46	Coordinates & Graphs	C	(7, -3)
47	Statistics	B	10
48	Statistics	C	11
49	Statistics	D	9.5
50	Word Problems & Logic	A	24
51	Word Problems & Logic	C	5
52	Powers & Indices	E	63
53	Combinatorics & Counting	C	16
54	Order of Operations	E	23
55	Roman Numerals	B	44
56	Symmetry & Shape Properties	E	0
57	Position & Direction	D	North-West
58	Negative Numbers	B	0°C

END OF MARK SCHEME
