

NILE TUITION ACADEMY

EXCELLENCE IN 11+ PREPARATION

Mathematics — Mark Scheme

Sutton SET style · Practice Paper 9 · 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	B	315
2	Place Value & Number	C	3/4
3	Place Value & Number	D	10
4	Number Properties	E	8
5	Number Properties	D	36 seconds
6	Number Properties	E	4 cm
7	Fractions	B	6
8	Fractions	E	96
9	Fractions	B	1/5
10	Fractions	D	7
11	Fractions	A	5/6
12	Fractions	A	6/25
13	Fractions	D	9 3/4
14	Decimals	D	7.8
15	Decimals	B	1,400 ml
16	Percentages	B	£75
17	Percentages	A	£50
18	Percentages	C	96%
19	Ratio & Proportion	C	£30
20	Ratio & Proportion	D	18
21	Ratio & Proportion	E	£45
22	Algebra & Equations	D	7
23	Algebra & Equations	D	3
24	Algebra & Equations	B	4
25	Sequences & Patterns	B	the 12th
26	Sequences & Patterns	C	52

Q	Topic / focus	Answer	Correct answer
27	Money & Real-World Problems	A	5p
28	Money & Real-World Problems	A	£45
29	Money & Real-World Problems	E	£9.80
30	Measurement & Estimation	A	24
31	Measurement & Estimation	B	100 ml
32	Speed, Distance & Time	C	48 km/h
33	Speed, Distance & Time	C	70 km/h
34	Speed, Distance & Time	C	15:40
35	Angles & Shape Properties	C	100°
36	Angles & Shape Properties	B	150°
37	Geometry — Area / Perimeter / Volume	B	147 cm ²
38	Geometry — Area / Perimeter / Volume	D	20 cm
39	Geometry — Area / Perimeter / Volume	E	55 m ²
40	Geometry — Area / Perimeter / Volume	A	12
41	Geometry — Area / Perimeter / Volume	E	6 litres
42	Data Interpretation	A	88
43	Data Interpretation	A	20
44	Data Interpretation	E	32
45	Coordinates & Graphs	A	(4, 6)
46	Coordinates & Graphs	C	(-3, 4)
47	Statistics	B	4
48	Statistics	C	15
49	Statistics	A	10.5
50	Word Problems & Logic	E	25
51	Word Problems & Logic	E	2
52	Powers & Indices	C	60
53	Combinatorics & Counting	A	18
54	Order of Operations	D	16
55	Roman Numerals	B	69
56	Symmetry & Shape Properties	E	2
57	Position & Direction	D	West
58	Negative Numbers	C	7°C

END OF MARK SCHEME
