

NILE TUITION ACADEMY

EXCELLENCE IN 11+ PREPARATION

Mathematics — Mark Scheme

Sutton SET style · Practice Paper 7 · 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	A	90,500
2	Place Value & Number	B	0.8
3	Place Value & Number	A	100
4	Number Properties	C	27
5	Number Properties	D	45 seconds
6	Number Properties	A	6 cm
7	Fractions	A	16
8	Fractions	C	60
9	Fractions	B	5/8
10	Fractions	C	4 11/12
11	Fractions	C	1/5
12	Fractions	C	3/8
13	Fractions	B	15
14	Decimals	D	0.9
15	Decimals	B	3,000 ml
16	Percentages	D	£216
17	Percentages	A	£50
18	Percentages	B	35%
19	Ratio & Proportion	D	£30
20	Ratio & Proportion	E	24
21	Ratio & Proportion	A	£42
22	Algebra & Equations	C	7
23	Algebra & Equations	D	4
24	Algebra & Equations	A	12
25	Sequences & Patterns	D	the 11th
26	Sequences & Patterns	C	49

Q	Topic / focus	Answer	Correct answer
27	Money & Real-World Problems	B	2p
28	Money & Real-World Problems	E	£24
29	Money & Real-World Problems	C	£9.50
30	Measurement & Estimation	A	24
31	Measurement & Estimation	B	100 ml
32	Speed, Distance & Time	D	80 km/h
33	Speed, Distance & Time	B	80 km/h
34	Speed, Distance & Time	E	09:35
35	Angles & Shape Properties	E	80°
36	Angles & Shape Properties	A	110°
37	Geometry — Area / Perimeter / Volume	C	27 cm ²
38	Geometry — Area / Perimeter / Volume	B	14 cm
39	Geometry — Area / Perimeter / Volume	B	36 m ²
40	Geometry — Area / Perimeter / Volume	E	24
41	Geometry — Area / Perimeter / Volume	A	13 litres
42	Data Interpretation	A	76
43	Data Interpretation	E	20
44	Data Interpretation	E	34
45	Coordinates & Graphs	C	(8, 4)
46	Coordinates & Graphs	C	(2, -2)
47	Statistics	D	17
48	Statistics	E	13
49	Statistics	A	15.5
50	Word Problems & Logic	B	22
51	Word Problems & Logic	E	4
52	Powers & Indices	C	116
53	Combinatorics & Counting	B	24
54	Order of Operations	D	32
55	Roman Numerals	D	80
56	Symmetry & Shape Properties	E	6
57	Position & Direction	E	South-West
58	Negative Numbers	D	9°C

END OF MARK SCHEME
