

NILE TUITION ACADEMY

EXCELLENCE IN 11+ PREPARATION

Mathematics — Mark Scheme

Sutton SET style · Practice Paper 6 · 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	644
2	Place Value & Number	D	9/10
3	Place Value & Number	E	1000
4	Number Properties	D	30
5	Number Properties	A	120 seconds
6	Number Properties	E	6 cm
7	Fractions	A	6
8	Fractions	B	25
9	Fractions	A	2/5
10	Fractions	D	1 1/4
11	Fractions	A	1/6
12	Fractions	E	3/20
13	Fractions	B	7
14	Decimals	A	2.1
15	Decimals	C	1,400 ml
16	Percentages	E	£576
17	Percentages	C	£50
18	Percentages	B	84%
19	Ratio & Proportion	B	£35
20	Ratio & Proportion	E	8
21	Ratio & Proportion	B	£28
22	Algebra & Equations	B	9
23	Algebra & Equations	C	4
24	Algebra & Equations	E	3
25	Sequences & Patterns	C	the 15th
26	Sequences & Patterns	C	38

Q	Topic / focus	Answer	Correct answer
27	Money & Real-World Problems	C	2p
28	Money & Real-World Problems	D	£32
29	Money & Real-World Problems	A	£15.50
30	Measurement & Estimation	A	20
31	Measurement & Estimation	C	100 ml
32	Speed, Distance & Time	D	60 km/h
33	Speed, Distance & Time	A	80 km/h
34	Speed, Distance & Time	A	12:35
35	Angles & Shape Properties	A	90°
36	Angles & Shape Properties	C	130°
37	Geometry — Area / Perimeter / Volume	E	98 cm ²
38	Geometry — Area / Perimeter / Volume	C	46 cm
39	Geometry — Area / Perimeter / Volume	A	41 m ²
40	Geometry — Area / Perimeter / Volume	D	24
41	Geometry — Area / Perimeter / Volume	E	9 litres
42	Data Interpretation	B	72
43	Data Interpretation	E	15
44	Data Interpretation	B	23
45	Coordinates & Graphs	D	(9, 9)
46	Coordinates & Graphs	E	(4, -4)
47	Statistics	D	8
48	Statistics	D	14
49	Statistics	B	11.5
50	Word Problems & Logic	C	18
51	Word Problems & Logic	B	3
52	Powers & Indices	C	36
53	Combinatorics & Counting	B	18
54	Order of Operations	E	14
55	Roman Numerals	D	88
56	Symmetry & Shape Properties	D	2
57	Position & Direction	A	East
58	Negative Numbers	C	3°C

END OF MARK SCHEME
