NILE TUITION ACADEMY

EXCELLENCE IN 11+ PREPARATION

Mathematics — Mark Scheme

Sutton SET style · Practice Paper 5 · 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	D	4,350
2	Place Value & Number	E	0.36
3	Place Value & Number	A	1000
4	Number Properties	D	8
5	Number Properties	B	12 minutes
6	Number Properties	B	6 cm
7	Fractions	A	12
8	Fractions	C	12
9	Fractions	B	5/12
10	Fractions	C	3 5/6
11	Fractions	C	3/4
12	Fractions	A	1/8
13	Fractions	E	10 4/5
14	Decimals	C	3.6
15	Decimals	D	1,000 ml
16	Percentages	D	£90
17	Percentages	C	£150
18	Percentages	B	70%
19	Ratio & Proportion	E	£60
20	Ratio & Proportion	A	8
21	Ratio & Proportion	D	£35
22	Algebra & Equations	C	7
23	Algebra & Equations	C	3
24	Algebra & Equations	D	10
25	Sequences & Patterns	D	the 15th
26	Sequences & Patterns	A	25

Q	Topic / focus	Answer	Correct answer
27	Money & Real-World Problems	B	5p
28	Money & Real-World Problems	E	£48
29	Money & Real-World Problems	A	£11
30	Measurement & Estimation	E	6
31	Measurement & Estimation	B	50 ml
32	Speed, Distance & Time	E	90 km/h
33	Speed, Distance & Time	E	90 km/h
34	Speed, Distance & Time	D	13:05
35	Angles & Shape Properties	C	80°
36	Angles & Shape Properties	C	130°
37	Geometry — Area / Perimeter / Volume	C	48 cm^2
38	Geometry — Area / Perimeter / Volume	B	18 cm
39	Geometry — Area / Perimeter / Volume	E	39 m^2
40	Geometry — Area / Perimeter / Volume	B	12
41	Geometry — Area / Perimeter / Volume	A	12 litres
42	Data Interpretation	A	96
43	Data Interpretation	A	14
44	Data Interpretation	B	34
45	Coordinates & Graphs	D	(6, 6)
46	Coordinates & Graphs	C	(-2, 4)
47	Statistics	B	23
48	Statistics	E	13
49	Statistics	B	11.5
50	Word Problems & Logic	D	22
51	Word Problems & Logic	A	4
52	Powers & Indices	B	121
53	Combinatorics & Counting	C	24
54	Order of Operations	A	11
55	Roman Numerals	E	73
56	Symmetry & Shape Properties	A	8
57	Position & Direction	D	North-West
58	Negative Numbers	E	10°C

END OF MARK SCHEME