

NILE TUITION ACADEMY

EXCELLENCE IN 11+ PREPARATION

Mathematics — Mark Scheme

Sutton SET style · Practice Paper 11 · 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	62,500
2	Place Value & Number	B	0.36
3	Place Value & Number	B	10
4	Number Properties	C	24
5	Number Properties	A	30 seconds
6	Number Properties	A	4 cm
7	Fractions	D	24
8	Fractions	E	72
9	Fractions	B	1/2
10	Fractions	B	5 11/12
11	Fractions	B	5/6
12	Fractions	C	3/8
13	Fractions	E	5
14	Decimals	B	5.4
15	Decimals	A	3,000 ml
16	Percentages	D	£120
17	Percentages	D	£120
18	Percentages	A	48%
19	Ratio & Proportion	D	£27
20	Ratio & Proportion	E	24
21	Ratio & Proportion	B	£40
22	Algebra & Equations	B	7
23	Algebra & Equations	E	4
24	Algebra & Equations	D	7
25	Sequences & Patterns	A	the 10th
26	Sequences & Patterns	A	37

Q	Topic / focus	Answer	Correct answer
27	Money & Real-World Problems	E	5p
28	Money & Real-World Problems	C	£16
29	Money & Real-World Problems	E	£10.50
30	Measurement & Estimation	B	16
31	Measurement & Estimation	C	50 ml
32	Speed, Distance & Time	B	60 km/h
33	Speed, Distance & Time	C	84 km/h
34	Speed, Distance & Time	A	09:10
35	Angles & Shape Properties	E	72°
36	Angles & Shape Properties	C	130°
37	Geometry — Area / Perimeter / Volume	D	72 cm ²
38	Geometry — Area / Perimeter / Volume	C	36 cm
39	Geometry — Area / Perimeter / Volume	C	36 m ²
40	Geometry — Area / Perimeter / Volume	D	24
41	Geometry — Area / Perimeter / Volume	D	15 litres
42	Data Interpretation	A	104
43	Data Interpretation	E	13
44	Data Interpretation	C	36
45	Coordinates & Graphs	A	(7, 5)
46	Coordinates & Graphs	E	(-4, 2)
47	Statistics	E	10
48	Statistics	A	13
49	Statistics	C	10.5
50	Word Problems & Logic	D	13
51	Word Problems & Logic	C	2
52	Powers & Indices	B	134
53	Combinatorics & Counting	A	48
54	Order of Operations	A	2
55	Roman Numerals	C	70
56	Symmetry & Shape Properties	B	4
57	Position & Direction	D	West
58	Negative Numbers	E	10°C

END OF MARK SCHEME
