

NILE TUITION ACADEMY

EXCELLENCE IN 11+ PREPARATION

Mathematics — Mark Scheme

Sutton SET style · Practice Paper 10 · 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	C	3,550
2	Place Value & Number	E	71%
3	Place Value & Number	A	1000
4	Number Properties	B	16
5	Number Properties	A	24 minutes
6	Number Properties	D	4 cm
7	Fractions	E	24
8	Fractions	C	54
9	Fractions	A	2/5
10	Fractions	A	5 1/6
11	Fractions	C	5/6
12	Fractions	C	3/8
13	Fractions	A	9
14	Decimals	D	3.4
15	Decimals	D	600 ml
16	Percentages	B	£180
17	Percentages	B	£50
18	Percentages	C	45%
19	Ratio & Proportion	E	£15
20	Ratio & Proportion	E	15
21	Ratio & Proportion	A	£21
22	Algebra & Equations	E	7
23	Algebra & Equations	B	2
24	Algebra & Equations	A	11
25	Sequences & Patterns	D	the 11th
26	Sequences & Patterns	D	42

Q	Topic / focus	Answer	Correct answer
27	Money & Real-World Problems	A	5p
28	Money & Real-World Problems	A	£12
29	Money & Real-World Problems	A	£15.50
30	Measurement & Estimation	B	16
31	Measurement & Estimation	D	150 ml
32	Speed, Distance & Time	D	80 km/h
33	Speed, Distance & Time	D	75 km/h
34	Speed, Distance & Time	B	16:10
35	Angles & Shape Properties	E	90°
36	Angles & Shape Properties	D	130°
37	Geometry — Area / Perimeter / Volume	E	32 cm ²
38	Geometry — Area / Perimeter / Volume	E	28 cm
39	Geometry — Area / Perimeter / Volume	E	65 m ²
40	Geometry — Area / Perimeter / Volume	A	24
41	Geometry — Area / Perimeter / Volume	C	6 litres
42	Data Interpretation	E	80
43	Data Interpretation	C	21
44	Data Interpretation	C	25
45	Coordinates & Graphs	C	(7, 4)
46	Coordinates & Graphs	E	(-7, 4)
47	Statistics	B	14
48	Statistics	B	14
49	Statistics	B	13.5
50	Word Problems & Logic	A	29
51	Word Problems & Logic	C	2
52	Powers & Indices	C	43
53	Combinatorics & Counting	B	36
54	Order of Operations	B	3
55	Roman Numerals	D	74
56	Symmetry & Shape Properties	C	5
57	Position & Direction	D	West
58	Negative Numbers	B	8°C

END OF MARK SCHEME
