Mathematics · Grade 4

Memorandum · Term 1–4

TOTAL
90
MARKS

Marking guidelines

1. Award method marks even where the final answer is wrong.
2. Accept any correct method, including one that differs from the memorandum.
3. An answer without the unit loses the unit mark, not the whole question.
4. Where a question asks for two or more items, award one mark per correct item.
5. Do not deduct marks for handwriting, provided the answer can be read.

Question	Answer	Marks	Marking note
QUESTION 1 · Multiple choice · 6 marks			
1.1	c. Units	**1**	
1.2	c. 2 957	**1**	
1.3	a. 408	**1**	
1.4	a. 10	**1**	
1.5	b. $1\frac{1}{2}\,\ell$	**1**	
1.6	a. An equilateral triangle (all three sides equal)	**1**	
QUESTION 2 · Counting, ordering and rounding · 8 marks			
2.1	1 650; 1 700; 1 750	**2**	*1 mark for two correct, 2 for all three.*
2.2	a. 2 957 > 1 683 b. 1 683 < 2 957	**2**	*1 mark each.*
2.3	2 000 + 900 + 50 + 7	**2**	*1 mark for the thousands, 1 for the rest.*
2.4	a. 2 960 b. 3 000	**2**	*1 mark each.*
QUESTION 3 · Adding and subtracting · 8 marks			
3.1	4 640	**3**	*2 marks for the method, 1 for the answer.*

Question	Answer	Marks	Marking note
3.2	1 274; check: 1 274 + 1 683 = 2 957	**3**	*2 marks for the answer, 1 for the check.*
3.3	a. 445 b. 474	**2**	*1 mark each.*
QUESTION 4 · Multiplying and dividing · 9 marks			
4.1	36 × 20 = 720; 36 × 1 = 36; together = 756	**3**	*2 marks for the method, 1 for the answer.*
4.2	103	**3**	*2 marks for the method, 1 for the answer.*
4.3	a. 4 × R189 = R756 b. R1 000 − R756 = R244	**3**	*2 marks for the cost, 1 for the change.*
QUESTION 5 · Multiples, factors and ratio · 6 marks			
5.1	4; 8; 12; 16; 20; 24	**2**	*2 marks if all are correct; 1 if four are correct.*
5.2	1; 2; 3; 5; 6; 10; 15; 30	**2**	*2 marks if all are correct; 1 if half are correct.*
5.3	56 ÷ 7 = 8; red: 3 × 8 = 24; blue: 4 × 8 = 32	**2**	*1 mark for the parts, 1 for the answer.*
QUESTION 6 · Fractions · 8 marks			
6.1	$\frac{1}{6}$; $\frac{1}{2}$; $\frac{3}{4}$; $\frac{7}{8}$	**2**	*2 marks if all four are correct; 1 if two are correct.*
6.2	28 ÷ 4 = 7	**2**	*1 mark for the operation, 1 for the answer.*
6.3	$\frac{1}{6} + \frac{5}{6}$ = 6/6 = 1 (accept 6/6 or 1)	**2**	*1 mark for the numerators, 1 for the answer.*
6.4	5 ÷ 7 = 5/7 of a loaf	**2**	*1 mark for the division, 1 for the fraction.*
QUESTION 7 · Patterns · 9 marks			
7.1	a. 11 b. 20 c. Add 3 blocks each time.	**3**	*1 mark each.*
7.2	1 → 8; 3 → 20; 5 → 32; 8 → 50	**4**	*1 mark per block.*
7.3	a. 8 b. 44	**2**	*1 mark each.*
QUESTION 8 · Space and Shape · 13 marks			
8.1	Rectangle 4; Pentagon 5; Triangle 3; Hexagon 6	**4**	*1 mark each.*
8.2	Sphere 0; Cube 6; Cylinder 2	**3**	*1 mark each.*

Question	Answer	Marks	Marking note
8.3	2 (1 vertical line and 1 horizontal line through the centre; the diagonals are NOT lines of symmetry)	**2**	*1 mark for the answer 2, 1 for a drawing that shows both lines of symmetry.*
8.4	A hexagon (1); the hexagons fit together with no gaps — they tessellate (1).	**2**	*1 mark for the shape, 1 for the reason.*
8.5	C3	**2**	*1 mark for the letter, 1 for the number.*
QUESTION 9 · Measurement · 14 marks			
9.1	2 hours and 30 minutes (150 minutes)	**3**	*2 marks for the method, 1 for the answer.*
9.2	a. 195 cm b. 3 250 g c. 2 500 mℓ	**3**	*1 mark each.*
9.3	a. 11 + 9 + 11 + 9 = 40 m b. 8 cubes per layer × 2 layers = 16 cubes	**4**	*a. 1 for the working, 1 for the answer with its unit. b. 1 for the layer, 1 for the total.*
9.4	a. 6 000 mℓ b. 6 000 − 850 = 5 150 mℓ	**4**	*2 marks each.*
QUESTION 10 · Data Handling · 9 marks			
10.1	a. 6, 9, 4, 8 b. Group B c. 6 + 9 + 4 + 8 = 27	**4**	*a. all four correct = 2; two or three = 1. b. 1 mark. c. 1 mark.*
10.2	a. 1 ; 2 ; 3 ; 4 ; 5 ; 6 b. Six c. No — every number has the same chance.	**3**	*1 mark each.*
10.3	Heads or tails (two outcomes).	**2**	*1 mark each.*

Total **90 marks**



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