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	a. Thousands	**1**	
1.2	b. 3 846	**1**	
1.3	c. 468	**1**	
1.4	a. 100	**1**	
1.5	b. 15	**1**	
1.6	c. A circle	**1**	
QUESTION 2 · Counting, ordering and rounding · 8 marks			
2.1	1 275; 1 300; 1 325	**2**	*1 mark for two correct, 2 for all three.*
2.2	a. 3 846 > 2 519 b. 2 519 < 3 846	**2**	*1 mark each.*
2.3	3 000 + 800 + 40 + 6	**2**	*1 mark for the thousands, 1 for the rest.*
2.4	Nearest 10: 3 850; nearest 1 000: 4 000	**2**	*1 mark each.*
QUESTION 3 · Adding and subtracting · 8 marks			
3.1	6 365	**3**	*2 marks for the method, 1 for the answer.*

Question	Answer	Marks	Marking note
3.2	1 327; check: 1 327 + 2 519 = 3 846	**3**	*2 marks for the answer, 1 for the check.*
3.3	a. 386 b. 245	**2**	*1 mark each.*
QUESTION 4 · Multiplying and dividing · 9 marks			
4.1	23 × 10 = 230; 23 × 4 = 92; together = 322	**3**	*2 marks for the method, 1 for the answer.*
4.2	57	**3**	*2 marks for the method, 1 for the answer.*
4.3	a. 4 × R145 = R580 b. R1 000 − R580 = R420	**3**	*2 marks for the cost, 1 for the change.*
QUESTION 5 · Multiples, factors and ratio · 6 marks			
5.1	6; 12; 18; 24; 30; 36	**2**	*2 marks if all are correct; 1 if four are correct.*
5.2	1; 2; 3; 4; 6; 8; 12; 24	**2**	*2 marks if all are correct; 1 if half are correct.*
5.3	30 ÷ 5 = 6; red: 2 × 6 = 12; blue: 3 × 6 = 18	**2**	*1 mark for the parts, 1 for the answer.*
QUESTION 6 · Fractions · 8 marks			
6.1	$\frac{1}{8}$; $\frac{1}{4}$; $\frac{1}{2}$; $\frac{3}{4}$	**2**	*2 marks if all four are correct; 1 if two are correct.*
6.2	24 ÷ 4 = 6	**2**	*1 mark for the operation, 1 for the answer.*
6.3	$\frac{2}{3} + \frac{1}{3}$ = 3/3 = 1 (accept 3/3 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	23 ; 28. The rule: add 5 each time.	**3**	*1 mark per number, 1 for the rule.*
7.2	1 → 5; 3 → 11; 5 → 17; 8 → 26	**4**	*1 mark per block.*
7.3	a. 9 b. 28	**2**	*1 mark each.*
QUESTION 8 · Space and Shape · 13 marks			
8.1	Triangle 3; Square 4; Pentagon 5; Hexagon 6	**4**	*1 mark each.*

Question	Answer	Marks	Marking note
8.2	Cube 6; Cylinder 2; Cone 1	**3**	*1 mark each.*
8.3	4 (2 diagonals, 1 vertical line and 1 horizontal line through the centre)	**2**	*1 mark for the answer 4, 1 for a drawing that shows all 4 lines of symmetry.*
8.4	Shapes that fit together with no gaps and no overlaps to cover a surface.	**2**	*1 mark for 'no gaps', 1 mark for 'no overlaps' (or 'covers the surface completely').*
8.5	D3	**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. 345 cm b. 3 250 g c. 2 500 mℓ	**3**	*1 mark each.*
9.3	12 + 7 + 12 + 7 = 38 m (or 2 × (12 + 7) = 38 m)	**4**	*2 marks for working (adding all four sides), 1 for the answer 38, 1 for the unit m.*
9.4	a. 5 000 mℓ b. 5 000 − 750 = 4 250 mℓ (accept 4 ℓ 250 mℓ)	**4**	*2 marks each.*
QUESTION 10 · Data Handling · 9 marks			
10.1	a. Cricket b. Netball c. 32 d. 12 − 5 = 7	**4**	*1 mark each.*
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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