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. 6 483	**1**	
1.3	c. 330	**1**	
1.4	a. 100	**1**	
1.5	b. 120	**1**	
1.6	c. A circle	**1**	
QUESTION 2 · Counting, ordering and rounding · 8 marks			
2.1	4 900; 5 000; 5 100	**2**	*1 mark for two correct, 2 for all three.*
2.2	a. 6 483 > 2 158 b. 2 158 < 6 483	**2**	*1 mark each.*
2.3	6 000 + 400 + 80 + 3	**2**	*1 mark for the thousands, 1 for the rest.*
2.4	a. 6 480 b. 6 000	**2**	*1 mark each.*
QUESTION 3 · Adding and subtracting · 8 marks			
3.1	8 641	**3**	*2 marks for the method, 1 for the answer.*

Question	Answer	Marks	Marking note
3.2	4 325; check: 4 325 + 2 158 = 6 483	**3**	*2 marks for the answer, 1 for the check.*
3.3	a. 562 b. 481	**2**	*1 mark each.*
QUESTION 4 · Multiplying and dividing · 9 marks			
4.1	42 × 10 = 420; 42 × 5 = 210; together = 630	**3**	*2 marks for the method, 1 for the answer.*
4.2	219 remainder 2 (check: 3 × 219 + 2 = 659)	**3**	*1 mark for the method, 1 for 219, 1 for the remainder 2.*
4.3	a. 3 × R325 = R975 b. R1 500 − R975 = R525	**3**	*2 marks for the cost, 1 for the change.*
QUESTION 5 · Multiples, factors and ratio · 6 marks			
5.1	9; 18; 27; 36; 45; 54	**2**	*2 marks if all are correct; 1 if four are correct.*
5.2	1; 2; 3; 4; 6; 8; 12; 16; 24; 48	**2**	*2 marks if all are correct; 1 if half are correct.*
5.3	42 ÷ 7 = 6; red: 2 × 6 = 12; blue: 5 × 6 = 30	**2**	*1 mark for the parts, 1 for the answer.*
QUESTION 6 · Fractions · 8 marks			
6.1	$\frac{1}{4}$; $\frac{1}{3}$; $\frac{2}{3}$; $\frac{5}{6}$	**2**	*2 marks if all four are correct; 1 if two are correct.*
6.2	48 ÷ 4 = 12	**2**	*1 mark for the operation, 1 for the answer.*
6.3	a. 2 b. 6	**2**	*1 mark each.*
6.4	4 ÷ 6 = 4/6 of a loaf (also accept 2/3 or any equivalent fraction)	**2**	*1 mark for the division, 1 for the fraction.*
QUESTION 7 · Patterns · 9 marks			
7.1	21 ; 25. The rule: add 4 each time.	**3**	*1 mark per number, 1 for the rule.*
7.2	1 → 9; 3 → 13; 5 → 17; 8 → 23	**4**	*1 mark per block.*
7.3	a. 8 b. 38	**2**	*1 mark each.*
QUESTION 8 · Space and Shape · 13 marks			
8.1	Hexagon 6; Triangle 3; Pentagon 5; Square 4	**4**	*1 mark each.*
8.2	Tin = B; Tent = C; Box = A	**3**	*1 mark each.*

Question	Answer	Marks	Marking note
8.3	a. 1 b. 2	**2**	*1 mark each.*
8.4	Shapes that fit together with no gaps and no overlaps to cover a surface.	**2**	*1 mark for 'no gaps', 1 for 'covers the surface'.*
8.5	B5	**2**	*1 mark for the letter, 1 for the number.*
QUESTION 9 · Measurement · 14 marks			
9.1	a. 1 300 g b. 1 kg 300 g c. 1 000 g (1 kg)	**3**	*1 mark each.*
9.2	a. 560 cm b. 3 250 g c. 2 500 mℓ	**3**	*1 mark each.*
9.3	a. 14 + 5 + 14 + 5 = 38 m b. 8 square units	**4**	*a. 1 for the working, 1 for the answer with its unit. b. 1 for counting, 1 for the answer.*
9.4	a. 2 000 mℓ b. 2 000 − 600 = 1 400 mℓ	**4**	*2 marks each.*
QUESTION 10 · Data Handling · 9 marks			
10.1	a. 17 b. 8 c. 13 + 8 + 17 + 6 = 44 d. 13 − 6 = 7	**4**	*1 mark each.*
10.2	a. 5 b. 6 + 3 + 5 = 14 c. No — the results happen by chance, so they will probably be different.	**3**	*1 mark each.*
10.3	Heads or tails (two outcomes).	**2**	*1 mark each.*

Total **90 marks**



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