Mathematics · Grade 4

Memorandum · Term 1–4

TOTAL
52
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 · 3 marks			
1.1	c. 20:00	**1**	
1.2	a. Kilogram	**1**	
1.3	b. 1 000 mℓ	**1**	
QUESTION 2 · Matching · 4 marks			
2.1	1 = C (perimeter); 2 = A (area); 3 = E (mass); 4 = B (capacity)	**4**	*1 mark each.*
QUESTION 3 · Time · 7 marks			
3.1	a. 25 minutes past 3 (03:25) b. 15:25	**2**	*1 mark each.*
3.2	15:40 to 17:15 = 1 hour and 35 minutes	**2**	*1 mark for the operation, 1 for the answer with units.*
3.3	31 − 4 = 27 days (5 to 31 December)	**1**	*1 mark for 27.*
3.4	18:45 + 1 hour 50 min = 20:35	**2**	*1 mark for the operation, 1 for the answer.*
QUESTION 4 · Mass · 4 marks			
4.1	700 g (1); 0 kg 700 g (1)	**2**	*Accept "700 g is less than 1 kg" for the second mark.*
4.2	The rice (1); $1\frac{1}{2}$ kg = 1 500 g, which is more than 1 400 g (1).	**2**	

Question	Answer	Marks	Marking note
QUESTION 5 · Volume · 2 marks			
5.1	3 × 4 = 12 per layer (1); 12 × 2 = 24 cubes (1).	**2**	
QUESTION 6 · Length and mass · 8 marks			
6.1	700	**1**	*1 mark for 700 (the unit is printed on the paper).*
6.2	3 km 500 m	**1**	*Both parts are required for the mark.*
6.3	6 × 45 = 270 cm = 2 m 70 cm	**2**	*1 mark for the operation, 1 for the conversion.*
6.4	a. 1 400 g b. 1 kg 400 g	**2**	*1 mark each.*
6.5	2 250 g × 4 = 9 000 g	**2**	*1 mark for converting to grams, 1 for the answer.*
QUESTION 7 · Capacity and volume · 4 marks			
7.1	a. 1 000 mℓ (1 litre) b. 750 mℓ	**2**	*1 mark each.*
7.2	6 × 250 = 1 500 mℓ; 2 000 − 1 500 = 500 mℓ	**2**	*1 mark for the operation, 1 for the answer.*
QUESTION 8 · Converting with fractions · 4 marks			
8.1	500	**1**	
8.2	250	**1**	
8.3	1 500	**1**	
8.4	$2\frac{1}{2}$ (also accept 2,5 kg)	**1**	
QUESTION 9 · Converting mixed units · 2 marks			
9.1	a. 600 + 28 = 628 cm b. 3 000 + 500 = 3 500 g	**2**	*1 mark each.*
QUESTION 10 · Perimeter and area · 6 marks			
10.1	24 + 15 + 24 + 15 = 78 cm	**2**	*1 mark for the operation, 1 for the answer with the unit.*
10.2	36 ÷ 4 = 9 cm	**1**	*1 mark for 9 cm (the unit is required for the mark).*
10.3	9 square units	**1**	*Count the blocks.*
10.4	12 + 8 + 12 + 8 = 40 m	**2**	*1 mark for the operation, 1 for the answer with the unit.*

Question	Answer	Marks	Marking note
QUESTION 11 · Comparing capacities · 3 marks			
11.1	a. B b. C, A, B c. 1 500 − 1 200 = 300 mℓ	**3**	*1 mark each.*
QUESTION 12 · Area · 2 marks			
12.1	8 square units	**2**	*1 mark for counting, 1 for the answer 8.*
QUESTION 13 · Word problem · 3 marks			
13.1	9 + 4 + 9 + 4 = 26 m of wire	**3**	*1 mark per step.*

Total **52 marks**



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