Mathematics · Grade 4

Memorandum · Term 1–4

TOTAL
48
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 · 4 marks			
1.1	b. Rectangle	**1**	*Four sides.*
1.2	c. 6	**1**	
1.3	a. 3	**1**	
1.4	b. A cone	**1**	
QUESTION 2 · Matching · 4 marks			
2.1	1 = E (triangle); 2 = D (sphere); 3 = B (line of symmetry); 4 = C (corner)	**4**	*1 mark each.*
QUESTION 3 · 2D shapes and 3D objects · 6 marks			
3.1	a. 5 sides. b. Shape A.	**2**	*1 mark each.*
3.2	A = cube; C = cylinder; E = sphere (ball)	**3**	*1 mark each.*
3.3	E (the sphere/ball)	**1**	*Letter or name is accepted.*
QUESTION 4 · 2D shapes and symmetry · 7 marks			
4.1	A = square; B = hexagon; C = triangle; D = semicircle	**4**	*1 mark each. Also accept: D = half a circle.*
4.2	A = 4; B = 3; C = 2; D = 6	**3**	*3 marks: all four correct = 3; three correct = 2; two correct = 1.*

Question	Answer	Marks	Marking note
QUESTION 5 · Views and position · 3 marks			
5.1	B = front view; C = side view; D = top view	**3**	*1 mark each.*
QUESTION 6 · Patterns in nature and our heritage · 3 marks			
6.1	a. hexagon b. triangle c. 1	**3**	*1 mark each.*
QUESTION 7 · Straight and curved lines, and tessellations · 7 marks			
7.1	Circle = only curved; Pentagon = only straight; Quarter circle = both; Rectangle = only straight	**4**	*1 mark each.*
7.2	Shapes that fit together with no gaps and no overlaps to cover a surface.	**1**	
7.3	A circle — there are always gaps between circles.	**1**	
7.4	Floor tiles; a brick wall; a honeycomb; paving bricks on a pavement.	**1**	
QUESTION 8 · Shapes, faces and symmetry · 14 marks			
8.1	Triangle 3; Rectangle 4; Pentagon 5; Quadrilateral 4	**4**	*1 mark each.*
8.2	Rectangular prism 6; Cylinder 2; Cone 1	**3**	*1 mark each.*
8.3	Letter A: 1; Circle: many (infinitely many)	**2**	*1 mark each.*
8.4	D3	**2**	*1 mark for the letter, 1 for the number.*
8.5	A butterfly's wings; a leaf; a face; a soccer field; the front of a building; a spoon; a letter such as A or M.	**3**	*1 mark each.*

Total **48 marks**



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