Mathematics · Grade 6

Memorandum · Term 1–4

TOTAL
55
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 · 5 marks			
1.1	a. a revolution	**1**	
1.2	b. A cylinder	**1**	
1.3	c. acute angle	**1**	
1.4	a. cube	**1**	
1.5	b. 8	**1**	
QUESTION 2 · Matching · 4 marks			
2.1	1 = D (right angle); 2 = C (obtuse angle); 3 = A (rotation); 4 = E (reflection)	**4**	*1 mark each.*
QUESTION 3 · Patterns, pyramids and symmetry · 8 marks			
3.1	a. hexagon b. regular c. translation d. 1	**4**	*1 mark each.*
3.2	a. a triangle b. 4 c. e.g. the base is a triangle, not a square; or it has 4 faces, not 5; or all its faces are triangles	**3**	*1 mark each. Accept any correct difference for c.*
3.3	6	**1**	
QUESTION 4 · Position on a map · 4 marks			
4.1	a. C5 b. the church	**2**	*1 mark each.*

Question	Answer	Marks	Marking note
4.2	D3 (1); the police station (1)	**2**	*1 mark for the block, 1 for what is there.*
QUESTION 5 · 2D shapes · 6 marks			
5.1	a. A and C b. B c. No – its angles are not right angles d. irregular	**4**	*1 mark each.*
5.2	4	**1**	*1 mark.*
5.3	A square has four equal sides; a rectangle has equal opposite sides but adjacent sides differ.	**1**	*1 mark.*
QUESTION 6 · 3D objects · 4 marks			
6.1	B = rectangular prism; D = cone; A (the cube) has 6 flat faces	**3**	*1 mark each.*
6.2	The sphere (ball).	**1**	*1 mark.*
QUESTION 7 · Reductions and views · 5 marks			
7.1	a. 4 cm and 2 cm (1) b. Yes – the shape and the right angles stay the same (1)	**2**	*1 mark each.*
7.2	Ann = D; Ben = C; Cara = B	**3**	*1 mark each.*
QUESTION 8 · Drawing and the properties of 2D shapes · 7 marks			
8.1	A triangle with sides of 4 cm, 4 cm and 6 cm, with the lengths written in.	**2**	*1 mark for the correct lengths, 1 for the lengths written in.*
8.2	An isosceles triangle — two of its sides are the same length.	**1**	
8.3	Triangle = 3 sides, 3 vertices; Quadrilateral = 4, 4; Pentagon = 5, 5; Heptagon = 7, 7	**4**	*1 mark per row.*
QUESTION 9 · Shapes, angles and views · 12 marks			
9.1	exactly one full turn = revolution; bigger than a right angle but smaller than a straight angle = obtuse; bigger than a straight angle but smaller than a full turn = reflex; smaller than a right angle = acute	**4**	*1 mark each.*
9.2	Rectangular prism: 6 faces, 12 edges, 8 vertices; Triangular prism: 5 faces, 9 edges, 6 vertices	**4**	*2 marks per object.*

Question	Answer	Marks	Marking note
9.3	Both have two pairs of parallel sides, but a rectangle's four angles are all right angles; a parallelogram's are not necessarily.	**2**	*1 mark each.*
9.4	From above: a circle. From the side: a rectangle.	**2**	*1 mark each.*

Total **55 marks**



Free quizzes

Finished this test? Keep practising online!

More than 12 000 free questions for Grades 4 to 7, in every subject and aligned to CAPS. After every answer your child gets a short explanation. No registration needed, and it works on a phone.

meerkatskool.co.za

Scan with your phone to start right away

A small request from us

Thank you for supporting MeerkatSkool! We are a small South African business, and every paper is put together with great care.

This test and memo are a free sample: feel free to share them with other parents and teachers. Ask us about the full booklet: meerkatskool.co.za or WhatsApp 066 462 7629.

Thank you!
The MeerkatSkool team

Free quizzes
meerkatskool.co.za

Email
info@meerkatskool.co.za

WhatsApp and calls
066 462 7629

Help us improve

Found a mistake in this test? WhatsApp us straight away. We fix it within 24 hours and send you the new version.

Scan to WhatsApp us · 066 462 7629