

Geometry Assessment Handout

Student Name:	Class:
Student ID:	Date: {{DATE}}

Assessment Details

Duration: 2 hours	Total Marks: 100
Topics Covered:	2D Shapes3D ShapesGeometric PropertiesSpatial Relationships

Instructions to Students:

- 1. Read all questions carefully before attempting.
- 2. Show all working out marks are awarded for method.
- 3. Calculator use is permitted except where stated otherwise.
- 4. Write your answers in the spaces provided.
- 5. If you need more space, use the additional pages at the end.
- 6. Time management is crucial allocate approximately 1 minute per mark.

Section A: Multiple Choice [20 marks]

Question 1	[2 marks]
What is the definition of a polygon?	
A) A 2D shape with four sides	B) A 2D shape with five sides
C) A 2D shape with at least three sides	D) A 3D shape with six sides
Question 2	[2 marks]
What is the perimeter of a rectangle with a length o	of 6cm and a width of 4cm?
A) 10cm	B) 12cm
C) 14cm	D) 20cm
Question 3	[2 marks
What is the volume of a cube with an edge length o	f 5cm?
A) 25cm³	B) 50cm ³
C) 100cm ³	D) 125cm ³
Question 4	[2 marks
What is the difference between ล คราราศาสารสรรรษาสา	Handout
A) A prism has a square base, while a pyramid has a triangular base	B) A prism has a triangular base, while a pyramid has a square base
C) A prism has a rectangular base, while a pyramid has a triangular base	D) A prism has a triangular base, while a pyramid has a rectangular base

Question 5 [2 marks]

A) 10cm	B) 12cm	
c) 14cm	D) 15cm	

Section B: Short Answer Questions [40 marks]

Question 6	[8 marks
Describe the properties of a triangle.	
Question 7	[8 marks
What are the characteristics of a sphere?	
Question 8	[8 marks
Compare the properties of a rectangle and a square.	
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Question 9	[8 marks
f a rectangular prism has a length of 10cm, a width of 5cm, a	and a height of 3cm, what is its volume?

Question 10	[8 marks]
raw a 2D representation of a 3D shape and describe its properties.	

Section C: Project-Based Question [40 marks]

sure to label your

Additional Space for Answers	

Additional Space for Answers