

SUMMER TERM

DATE ASSIGNED: 23rd June, 2025.

INTERVENTION/EXTENDED

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NAME OF SCHOLAR:

SUBJECT: Core maths

TOPIC: Geometry

WEEK: Eight (B)

DEADLINE: 25th June, 2025

TEACHER: MR. CHUKS.

SUCCESS CRITERIA

Assignment objectives:

- *To be able to visualize different types of shapes*
- *To be able to recognise different shapes*
- *To reinforce understanding of geometrical concept*

Gifted & Talented – Challenge Box

For scholars who can go the extra mile:

- Include additional research or case studies.
- Write an extended reflection or analysis.
- Present your findings creatively (e.g., poster, podcast, slides).

Useful Websites

Use these to support your research:

Shapes .com

YouTube on shapes and formula

Mathsisfun.com

YEAR

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Geometry

Section A: Multiple Choice (Choose the correct option)

1. What is a prism?
 - A. A 2D shape with equal sides
 - B. A 3D shape with two identical, parallel faces
 - C. A solid with only curved surfaces
 - D. A shape with no faces

2. Which of the following is NOT a type of prism?
 - A. Triangular prism
 - B. Square prism
 - C. Cone prism
 - D. Rectangular prism

3. How many faces does a triangular prism have?
 - A. 4
 - B. 5
 - C. 6
 - D. 7

4. True or False: A prism has two bases that are always congruent and parallel.

5. What is the name of a prism with a pentagon as its base?
 - A. Rectangular prism
 - B. Pentagonal prism
 - C. Hexagonal prism
 - D. Cylindrical prism

- ☐ B. Geometry & Properties

6. How many edges, vertices, and faces does a rectangular prism have?

7. Identify the shape of the cross-section of a rectangular prism.

8. A hexagonal prism has how many lateral faces?

9. Name all the 3D shapes that are considered prisms.

10. What is the difference between a prism and a pyramid?

(30 marks)