



Subject: Grade 4 Mathematics

Topic: Properties of 2D Shapes

Total: 31 Marks

1. 5 | five

3 marks

Explanation:

An pentagon is a closed shape with 5 straight sides.

Penta is the Greek word for **five**.

Gon is the Greek word for **side**.

2. A: 2

4 marks

Explanation:

1. Red square

2. Whole shape

3. false

2 marks

Explanation:

The shapes that form this fence are **hexagons**.

A hexagon is a six-sided shape.

4. a regular | pentagon

4 marks

Explanation:

Penta- is the Greek word for **five**.

All **five sides** of the pentagon are **equal**, making it a regular shape.

5. a regular | hexagon

4 marks

Explanation:

Hexa- is the Greek word for **six**.

All **six sides** of the hexagon are **equal**, making it a regular shape.



6. true

2 marks

Explanation:

Examples of polygons:

- triangle
- square
- quadrilateral
- rectangle
- pentagon
- hexagon

7. true

2 marks

Explanation:

The shape created by these two shapes is a quadrilateral because it has 4 straight sides.

8. B: 4

4 marks

Explanation:

The properties of a quadrilateral:

- It has 4 sides.
- The sides are straight.
- It is 2-dimensional (a flat shape).
- It is a closed shape (the lines join up).

9. false

2 marks

Explanation:

A **regular pentagon** has five equal sides.

10. rectangle | triangle

4 marks

Explanation:

1. Shape A is a rectangle. It has four straight sides. The two opposite sides are equal in length.
2. Shape B is a triangle. It has three straight sides.

Total: 31 Marks