

Name: _____

Marks: _____/10 marks

Subject: Mathematics

Quiz Topic: **Shapes and Symmetry**

INSTRUCTIONS

- 1. Read the Questions:** Carefully read each question and the answer choices provided. Make sure you understand what is being asked.
- 2. Answering Questions:**
 - For questions 1 to 4, choose the correct answer from the options provided. Each question is worth **1 mark**.
 - For questions 5 to 7, provide a written response. These questions are worth **2 marks** each. Be sure to explain your answers clearly.
- 3. Time Limit:** You have **20 minutes** to complete the quiz. Keep track of your time, and make sure to review your answers before submitting.
- 4. Written Work:** For questions 5 to 7, use the space provided to write your answers. Use diagrams where necessary for clarity.
- 5. No Calculators or Reference Materials:** This quiz is to be completed without any external help or resources. Use your knowledge and skills.
- 6. Submit Your Quiz:** Once you have completed all the questions, hand in your quiz paper to the teacher.

Good Luck!

Take your time and do your best. Remember to check your answers before submitting!

Teacher: Mr. Padilla

Quiz 1- 2026

Question 1: What do you call a shape with three sides?

- a) Square
- b) Triangle
- c) Rectangle

Question 2: Which of the following shapes has no corners?

- a) Circle
- b) Triangle
- c) Square

Question 3: Which shape has four sides and four vertices?

- a) Pentagon
- b) Quadrilaterals
- c) Triangle

Question 4: How many lines of symmetry does a pentagon with equal sides have?

- a) 1
- b) 2
- c) 4
- d) 5

Two-Mark Questions

Question 5: Draw a shape that has exactly one line of symmetry. Label your shape and indicate whether it is a regular or irregular polygon.

Question 6: A cricket ground is in the shape of a regular hexagon. Pieces of ropes of equal lengths would be needed to run along the edges of the cricket ground.

- a) Draw the cricket ground.
- b) How many pieces of rope would be needed for each edge of the cricket ground.

Question 7: Draw and identify the following shapes based on their properties:

- (a) A shape with four equal sides and four right angles.

Answer: _____

- (b) A shape that can be folded in half so that both halves match exactly.

Answer: _____

Answer Key

1. b) Triangle
2. a) Circle
3. b) Quadrilaterals
4. d) 5
5. Any irregular polygon shape will do for this question
6. six sides, six equal ropes of length
7. (a) Square, (b) Any shape with a line of symmetry such as a butterfly or a square.