

# Quadrilateral Properties Review

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## Understanding Geometric Shapes

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Answer the following questions based on what you've learned about quadrilaterals.

1. What defines a quadrilateral?

- A. A shape with three sides
- B. A shape with four sides
- C. A shape with no sides

2. A rectangle is a special type of \_\_\_\_ that has right angles.

3. Name two properties that all parallelograms share.

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4. All squares are rectangles, but not all rectangles are squares.

- True       False

5. Which of the following is NOT a type of quadrilateral?

- A. Rhombus
- B. Trapezoid
- C. Triangle

6. A rhombus has all sides of equal \_\_\_\_

7. How do rectangles and squares differ?

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8. Trapezoids have at least one pair of parallel sides.

- True       False

9. What do we learn about God's design through quadrilaterals?

- A. He uses random shapes
- B. He uses precise mathematical principles
- C. He doesn't care about shapes

10. Why is it important to classify quadrilaterals?

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### Answer Key

1. A shape with four sides    2. parallelogram    3. Opposite sides are parallel and opposite angles are equal.    4. True    5. Triangle    6. length    7. Rectangles can have different side lengths, while squares have all equal side lengths.    8. True    9. He uses precise mathematical principles    10. Classifying helps us understand their properties and how they relate to one another in God's orderly design.