



Classifying 2D Shapes

Name: _____

Date: _____

Grade: Grade 5

Part A: Multiple Choice

Circle the best answer for each question.

1. Which statement is always true?

- A) All rectangles are squares
- B) All parallelograms are rectangles
- C) All squares are parallelograms
- D) All trapezoids are parallelograms

2. A quadrilateral has four equal sides and angles of 60° , 120° , 60° , and 120° . What shape is it?

- A) Square
- B) Rectangle
- C) Rhombus
- D) Trapezoid

3. Which shape does NOT always have two pairs of parallel sides?

- A) Rectangle
- B) Parallelogram
- C) Trapezoid
- D) Rhombus

4. A parallelogram has one angle of 65° . What are the measures of its other three angles?

- A) 65° , 115° , 115°
- B) 65° , 65° , 165°
- C) 55° , 120° , 120°
- D) 65° , 25° , 25°

Part B: Fill in the Blank

Write the correct answer on each line.

1. A square belongs to _____ different quadrilateral categories: square, rhombus, rectangle, parallelogram, and quadrilateral.
2. If one angle of a parallelogram is 80° , the adjacent angle measures _____ degrees.
3. A quadrilateral with one pair of parallel sides and equal non-parallel sides is an isosceles _____.
4. The diagonals of a _____ bisect each other at right angles and are equal in length.
5. A rectangle has two diagonals that divide it into _____ triangles.

Part A: Multiple Choice

Circle the best answer for each question.

1. Which statement is always true?

- A) All rectangles are squares
- B) All parallelograms are rectangles
- C) All squares are parallelograms
- D) All trapezoids are parallelograms

2. A quadrilateral has four equal sides and angles of 60° , 120° , 60° , and 120° . What shape is it?

- A) Square
- B) Rectangle
- C) Rhombus
- D) Trapezoid

3. Which shape does NOT always have two pairs of parallel sides?

- A) Rectangle
- B) Parallelogram
- C) Trapezoid
- D) Rhombus

4. A parallelogram has one angle of 65° . What are the measures of its other three angles?

- A) 65° , 115° , 115°
- B) 65° , 65° , 165°
- C) 55° , 120° , 120°
- D) 65° , 25° , 25°

Part B: Fill in the Blank

Write the correct answer on each line.

1. A square belongs to 5 different quadrilateral categories: square, rhombus, rectangle, parallelogram, and quadrilateral.
2. If one angle of a parallelogram is 80° , the adjacent angle measures 100 degrees.
3. A quadrilateral with one pair of parallel sides and equal non-parallel sides is an isosceles trapezoid.
4. The diagonals of a square bisect each other at right angles and are equal in length.
5. A rectangle has two diagonals that divide it into 4 triangles.