



Grade 4

Topic: Classify Quadrilaterals

Instructions

Read each question carefully and answer in the given space. Use a ruler to draw lines of symmetry where necessary.

Part 1: Fill in the Blanks

A quadrilateral is a polygon with _____ sides.

A square has _____ right angles and _____ equal sides.

A parallelogram has two pairs of _____ sides.

A rhombus is a quadrilateral with all sides _____ in length.

A rectangle has opposite sides that are _____ and four _____ angles.

A trapezoid has only _____ pair of parallel sides.

Part 2: Match the Definition to the Correct Quadrilateral

Match the description to the correct quadrilateral. Write the letter of the correct answer next to each number.

A. Square B. Parallelogram C. Rhombus D. Trapezoid E. Rectangle

1. ____ A quadrilateral with only one pair of parallel sides.
2. ____ A quadrilateral with four right angles and opposite sides equal.
3. ____ A quadrilateral with four equal sides and no right angles.
4. ____ A quadrilateral with opposite sides parallel and equal in length.
5. ____ A quadrilateral with four equal sides and four right angles.

Part 3: Identify the Quadrilateral

Look at the quadrilaterals below and write their correct name.

A quadrilateral with all sides equal and all angles right. _____

A quadrilateral with opposite sides equal and four right angles. _____

A quadrilateral with only one pair of parallel sides. _____

A quadrilateral with all sides equal but no right angles. _____

A quadrilateral with opposite sides parallel and equal in length. _____

Part 4: True or False

Write **True** or **False** for each statement.

A rhombus is always a square. _____

A square is a rectangle. _____

A trapezoid has two pairs of parallel sides. _____

A rectangle has four right angles. _____

A parallelogram always has equal sides. _____

Part 5: Challenge Question

Draw a quadrilateral that is both a rectangle and a rhombus. What shape is it? _____

Visit Our Website: <https://mathaversity.com/>