



Attributes of Shapes

Name: _____

Date: _____

Grade: Grade 3

Part A: Fill in the Blank

Write the missing word or number on each line.

1. Two lines that meet at a 90-degree angle are called _____ lines.
2. A pentagon has _____ vertices.
3. A rectangle has perpendicular sides that form _____ right angles.
4. A shape with exactly 3 vertices and 3 sides is a _____.
5. A decagon has _____ sides and _____ angles.
6. Opposite sides of a rectangle are both equal and _____.
7. A quadrilateral with no parallel sides and no equal sides is called an _____ quadrilateral.
8. A rhombus has _____ equal sides.
9. A polygon must be a _____ shape made of straight lines.

Part B: Matching

Match each item on the left to the correct answer on the right.

1. Match each item to its correct answer.

Parallelogram	→ _____	No parallel sides, no equal sides
Trapezoid	→ _____	4 equal sides, 4 right angles
Square	→ _____	2 pairs of parallel sides, opposite sides equal
Irregular quadrilateral	→ _____	Exactly 1 pair of parallel sides

Answer Key • Attributes of Shapes • Grade: Grade 3

Part A: Fill in the Blank

Write the missing word or number on each line.

- Two lines that meet at a 90-degree angle are called perpendicular lines.
- A pentagon has 5 vertices.
- A rectangle has perpendicular sides that form 4 right angles.
- A shape with exactly 3 vertices and 3 sides is a triangle.
- A decagon has 10 sides and _____ angles.
- Opposite sides of a rectangle are both equal and parallel.
- A quadrilateral with no parallel sides and no equal sides is called an irregular quadrilateral.
- A rhombus has 4 equal sides.
- A polygon must be a closed shape made of straight lines.

Part B: Matching

Match each item on the left to the correct answer on the right.

- Match each item to its correct answer.

Parallelogram	→ <u>2 pairs of parallel sides, opposite sides equal</u>	No parallel sides, no equal sides
Trapezoid	→ <u>Exactly 1 pair of parallel sides</u>	4 equal sides, 4 right angles
Square	→ <u>4 equal sides, 4 right angles</u>	2 pairs of parallel sides, opposite sides equal
Irregular quadrilateral	→ <u>No parallel sides, no equal sides</u>	Exactly 1 pair of parallel sides