



# Attributes of Shapes

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

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

Grade: Grade 3

## Part A: Fill in the Blank

Write the missing word or number on each line.

1. A parallelogram has \_\_\_\_\_ pairs of parallel sides.
2. A square has 4 equal sides and 4 \_\_\_\_\_ angles.
3. A shape that has 4 equal sides but not all right angles is a \_\_\_\_\_.
4. A rectangle has 2 pairs of sides that are the same \_\_\_\_\_.
5. A polygon with 7 sides is called a \_\_\_\_\_.
6. A trapezoid has exactly \_\_\_\_\_ pair of parallel sides.
7. All squares are rectangles, but not all rectangles are \_\_\_\_\_.
8. A line of symmetry divides a shape into two \_\_\_\_\_ halves.
9. A right angle measures exactly \_\_\_\_\_ degrees.

## Part B: Matching

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

1. Match each item to its correct answer.

Square	→ _____	4 equal sides, not always right angles
Trapezoid	→ _____	4 right angles, opposite sides equal
Rectangle	→ _____	4 equal sides and 4 right angles
Rhombus	→ _____	1 pair of parallel sides

## Answer Key • Attributes of Shapes • Grade: Grade 3

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### Part A: Fill in the Blank

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Write the missing word or number on each line.

1. A parallelogram has 2 pairs of parallel sides.
2. A square has 4 equal sides and 4 right angles.
3. A shape that has 4 equal sides but not all right angles is a rhombus.
4. A rectangle has 2 pairs of sides that are the same length.
5. A polygon with 7 sides is called a heptagon.
6. A trapezoid has exactly 1 pair of parallel sides.
7. All squares are rectangles, but not all rectangles are squares.
8. A line of symmetry divides a shape into two equal halves.
9. A right angle measures exactly 90 degrees.

### Part B: Matching

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

1. Match each item to its correct answer.

Square	→ <u>4 equal sides and 4 right angles</u>	4 equal sides, not always right angles
Trapezoid	→ <u>1 pair of parallel sides</u>	4 right angles, opposite sides equal
Rectangle	→ <u>4 right angles, opposite sides equal</u>	4 equal sides and 4 right angles
Rhombus	→ <u>4 equal sides, not always right angles</u>	1 pair of parallel sides