



Attributes of Shapes

Name: _____

Date: _____

Grade: Grade 3

Part A: Fill in the Blank

Write the missing word or number on each line.

1. An octagon has _____ vertices.
2. An angle smaller than a right angle is called an _____ angle.
3. An angle larger than a right angle is called an _____ angle.
4. A heptagon has _____ sides.
5. A shape with all equal sides and all equal angles is called a _____ polygon.
6. Perpendicular lines form a _____ angle where they meet.
7. A square has _____ pairs of perpendicular sides.
8. The number of vertices in a polygon equals the number of _____.
9. A nonagon is a polygon with _____ sides.

Part B: Matching

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

1. Match each item to its correct answer.

Decagon	→ _____	4 vertices
Heptagon	→ _____	9 vertices
Nonagon	→ _____	10 vertices
Quadrilateral	→ _____	7 vertices

Answer Key • Attributes of Shapes • Grade: Grade 3

Part A: Fill in the Blank

Write the missing word or number on each line.

1. An octagon has 8 vertices.
2. An angle smaller than a right angle is called an acute angle.
3. An angle larger than a right angle is called an obtuse angle.
4. A heptagon has 7 sides.
5. A shape with all equal sides and all equal angles is called a regular polygon.
6. Perpendicular lines form a right angle where they meet.
7. A square has 2 pairs of perpendicular sides.
8. The number of vertices in a polygon equals the number of sides.
9. A nonagon is a polygon with 9 sides.

Part B: Matching

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

1. Match each item to its correct answer.

Decagon	→ <u>10 vertices</u>	4 vertices
Heptagon	→ <u>7 vertices</u>	9 vertices
Nonagon	→ <u>9 vertices</u>	10 vertices
Quadrilateral	→ <u>4 vertices</u>	7 vertices