



Lines and Symmetry

Name: _____

Date: _____

Grade: Grade 4

Part A: Fill in the Blank

Write the missing word or number on each line.

1. A line segment has two _____ that mark where it starts and ends.
2. The vertical and horizontal lines of a grid are _____ to each other.
3. The letter B has _____ line(s) of symmetry.
4. A right angle measures exactly _____ degrees.
5. A regular nonagon has _____ lines of symmetry.
6. Lines in the same plane that never cross are _____.
7. The letter C has _____ line(s) of symmetry.
8. A diagonal of a square connects two opposite _____.
9. The point where two lines cross is called the point of _____.

Part B: Matching

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

1. Match each item to its correct answer.

Railroad tracks	→ _____	Line segment
Corner of a book	→ _____	Perpendicular lines
Flashlight beam	→ _____	Ray
Edge of a ruler	→ _____	Parallel lines

Answer Key · Lines and Symmetry · Grade: Grade 4

Part A: Fill in the Blank

Write the missing word or number on each line.

1. A line segment has two endpoints that mark where it starts and ends.
2. The vertical and horizontal lines of a grid are perpendicular to each other.
3. The letter B has 1 line(s) of symmetry.
4. A right angle measures exactly 90 degrees.
5. A regular nonagon has 9 lines of symmetry.
6. Lines in the same plane that never cross are parallel.
7. The letter C has 1 line(s) of symmetry.
8. A diagonal of a square connects two opposite vertices.
9. The point where two lines cross is called the point of intersection.

Part B: Matching

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

1. Match each item to its correct answer.

Railroad tracks	→ <u>Parallel lines</u>	Line segment
Corner of a book	→ <u>Perpendicular lines</u>	Perpendicular lines
Flashlight beam	→ <u>Ray</u>	Ray
Edge of a ruler	→ <u>Line segment</u>	Parallel lines