



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 square has _____ pairs of parallel sides.
2. A trapezoid has _____ pair(s) of parallel sides.
3. A regular octagon has _____ lines of symmetry.
4. The opposite sides of a rectangle are both parallel and _____.
5. A scalene triangle has _____ lines of symmetry.
6. Perpendicular lines create four _____ angles at their intersection.
7. The letter X has _____ lines of symmetry.
8. A parallelogram has _____ lines of symmetry.
9. A line of symmetry is also called a line 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.

Square	→ _____	3 lines of symmetry
Equilateral triangle	→ _____	0 lines of symmetry
Rectangle	→ _____	4 lines of symmetry
Scalene triangle	→ _____	2 lines of symmetry

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 square has 2 pairs of parallel sides.
2. A trapezoid has 1 pair(s) of parallel sides.
3. A regular octagon has 8 lines of symmetry.
4. The opposite sides of a rectangle are both parallel and equal.
5. A scalene triangle has 0 lines of symmetry.
6. Perpendicular lines create four right angles at their intersection.
7. The letter X has 2 lines of symmetry.
8. A parallelogram has 0 lines of symmetry.
9. A line of symmetry is also called a line of reflection.

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	→ <u>4 lines of symmetry</u>	3 lines of symmetry
Equilateral triangle	→ <u>3 lines of symmetry</u>	0 lines of symmetry
Rectangle	→ <u>2 lines of symmetry</u>	4 lines of symmetry
Scalene triangle	→ <u>0 lines of symmetry</u>	2 lines of symmetry