



Lines and Symmetry

Name: _____

Date: _____

Grade: Grade 4

Part A: Fill in the Blank

Write the missing word or number on each line.

1. Two intersecting lines that do not form right angles are called _____ lines.
2. A regular triangle has _____ line(s) of symmetry.
3. The symbol \rightarrow is used to show a _____ in math notation.
4. An isosceles trapezoid has _____ line(s) of symmetry.
5. The capital letter I has _____ line(s) of symmetry.
6. A rectangle has _____ pair(s) of parallel sides.
7. Two rays that share the same endpoint form an _____.
8. A regular decagon has _____ lines of symmetry.
9. If you fold a shape along a line of symmetry, the two halves _____ perfectly.

Part B: Matching

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

1. Match each item to its correct answer.

Regular pentagon	\rightarrow _____	6 lines of symmetry
Isosceles triangle	\rightarrow _____	0 lines of symmetry
Regular hexagon	\rightarrow _____	1 line of symmetry
Right scalene triangle	\rightarrow _____	5 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.

- Two intersecting lines that do not form right angles are called **oblique** lines.
- A regular triangle has **3** line(s) of symmetry.
- The symbol \rightarrow is used to show a **ray** in math notation.
- An isosceles trapezoid has **1** line(s) of symmetry.
- The capital letter I has **2** line(s) of symmetry.
- A rectangle has **2** pair(s) of parallel sides.
- Two rays that share the same endpoint form an **angle**.
- A regular decagon has **10** lines of symmetry.
- If you fold a shape along a line of symmetry, the two halves **overlap** perfectly.

Part B: Matching

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

- Match each item to its correct answer.

Regular pentagon	→ 5 lines of symmetry	6 lines of symmetry
Isosceles triangle	→ 1 line of symmetry	0 lines of symmetry
Regular hexagon	→ 6 lines of symmetry	1 line of symmetry
Right scalene triangle	→ 0 lines of symmetry	5 lines of symmetry