



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	→ <u>5 lines of symmetry</u>	6 lines of symmetry
Isosceles triangle	→ <u>1 line of symmetry</u>	0 lines of symmetry
Regular hexagon	→ <u>6 lines of symmetry</u>	1 line of symmetry
Right scalene triangle	→ <u>0 lines of symmetry</u>	5 lines of symmetry