



# Lines and Symmetry

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Grade: Grade 4

## Part A: Multiple Choice

Circle the best answer for each question.

1. Which pair of objects best represents parallel lines?

- A) Clock hands at 3:00
- B) Railroad tracks
- C) The letter T
- D) A pair of scissors

2. A stop sign is a regular octagon. How many lines of symmetry does it have?

- A) 4
- B) 6
- C) 8
- D) 10

3. The capital letter T has how many lines of symmetry?

- A) 0
- B) 1
- C) 2
- D) 4

4. Streets that cross to form right angles are examples of what type of lines?

- A) Parallel
- B) Perpendicular
- C) Diagonal
- D) Curved

## Part B: Fill in the Blank

Write the correct answer on each line.

1. A butterfly has \_\_\_\_\_ line(s) of symmetry down its body.
2. The two horizontal lines in the letter E are \_\_\_\_\_ to each other.
3. A plus sign (+) has \_\_\_\_\_ lines of symmetry.
4. A ladder has two long rails that are \_\_\_\_\_. The rungs are perpendicular to them.
5. The capital letter O has \_\_\_\_\_ lines of symmetry.

**Part A: Multiple Choice**

Circle the best answer for each question.

1. Which pair of objects best represents parallel lines?

- A) Clock hands at 3:00
- B) Railroad tracks**
- C) The letter T
- D) A pair of scissors

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- B) 6
- C) 8**
- D) 10

3. The capital letter T has how many lines of symmetry?

- A) 0
- B) 1**
- C) 2
- D) 4

4. Streets that cross to form right angles are examples of what type of lines?

- A) Parallel
- B) Perpendicular**
- C) Diagonal
- D) Curved

**Part B: Fill in the Blank**

Write the correct answer on each line.

1. A butterfly has 1 line(s) of symmetry down its body.
2. The two horizontal lines in the letter E are parallel to each other.
3. A plus sign (+) has 2 lines of symmetry.
4. A ladder has two long rails that are parallel. The rungs are perpendicular to them.
5. The capital letter O has 2 lines of symmetry.