



Lines and Symmetry

Name: _____

Date: _____

Grade: Grade 4

Part A: Multiple Choice

Circle the best answer for each question.

1. Which capital letter has exactly 2 lines of symmetry?

- A) A
- B) H
- C) T
- D) E

2. How many pairs of parallel sides does a regular hexagon have?

- A) 1
- B) 2
- C) 3
- D) 6

3. A shape has exactly 5 lines of symmetry. What shape could it be?

- A) Rectangle
- B) Regular pentagon
- C) Hexagon
- D) Rhombus

4. Two lines intersect and form four angles. If one angle is 50° , what is the angle directly across from it?

- A) 40°
- B) 50°
- C) 130°
- D) 180°

Part B: Fill in the Blank

Write the correct answer on each line.

1. When two lines intersect, the opposite angles formed are called _____ angles.
2. A regular polygon with 12 sides has _____ lines of symmetry.
3. The diagonal of a rectangle divides it into two _____ triangles.
4. An equilateral triangle has all three sides _____ in length.
5. A straight angle measures _____ degrees and looks like a straight line.

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- A) 40°
- B) 50°
- C) 130°
- D) 180°

Part B: Fill in the Blank

Write the correct answer on each line.

1. When two lines intersect, the opposite angles formed are called vertical angles.
2. A regular polygon with 12 sides has 12 lines of symmetry.
3. The diagonal of a rectangle divides it into two congruent triangles.
4. An equilateral triangle has all three sides equal in length.
5. A straight angle measures 180 degrees and looks like a straight line.