



# Classifying 2D Shapes

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

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

Grade: Grade 5

## Part A: Fix the Sentence

Each sentence has an error. Rewrite it correctly on the line.

1. Fix the sentence: A square is not a rectangle because all four sides are equal.

Rewrite: \_\_\_\_\_

2. Fix the sentence: A trapezoid has two pairs of parallel sides.

Rewrite: \_\_\_\_\_

3. Fix the sentence: A rhombus never has right angles.

Rewrite: \_\_\_\_\_

## Part B: Fill in the Blank

Write the missing word or number on each line.

- Every square is also a \_\_\_\_\_ because it has four right angles.
- A parallelogram has \_\_\_\_\_ pairs of parallel sides.
- The sum of all interior angles in any quadrilateral is \_\_\_\_\_ degrees.
- A quadrilateral with exactly one pair of parallel sides is called a \_\_\_\_\_.

## Part C: Short Answer

Answer each question in one or two complete sentences.

1. Explain why every rectangle is a parallelogram but not every parallelogram is a rectangle.

\_\_\_\_\_  
\_\_\_\_\_

2. Is every rhombus a square? Explain your reasoning.

\_\_\_\_\_  
\_\_\_\_\_

## Answer Key · Classifying 2D Shapes · Grade: Grade 5

---

### Part A: Fix the Sentence

---

Each sentence has an error. Rewrite it correctly on the line.

1. Fix the sentence: A square is not a rectangle because all four sides are equal.

Rewrite: A square is a rectangle because it has four right angles and two pairs of parallel sides.

---

2. Fix the sentence: A trapezoid has two pairs of parallel sides.

Rewrite: A trapezoid has exactly one pair of parallel sides.

---

3. Fix the sentence: A rhombus never has right angles.

Rewrite: A rhombus can have right angles; when it does, it is also a square.

---

### Part B: Fill in the Blank

---

Write the missing word or number on each line.

- Every square is also a rectangle because it has four right angles.
- A parallelogram has 2 pairs of parallel sides.
- The sum of all interior angles in any quadrilateral is 360 degrees.
- A quadrilateral with exactly one pair of parallel sides is called a trapezoid.

### Part C: Short Answer

---

Answer each question in one or two complete sentences.

1. Explain why every rectangle is a parallelogram but not every parallelogram is a rectangle.

*Every rectangle has two pairs of parallel sides, so it is a parallelogram. However, a parallelogram does not need right angles, so not every parallelogram is a rectangle.*

---

---

2. Is every rhombus a square? Explain your reasoning.

*No. A rhombus has four equal sides, but it does not always have four right angles. Only when a rhombus has four right angles is it also a square.*

---