



Classifying Quadrilaterals

Name: _____

Date: _____

Grade: Grade 4

Part A: Fix the Sentence

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

1. Fix the sentence: A trapezoid has two pairs of parallel sides in Grade 4 geometry.

Rewrite: _____

2. Fix the sentence: An isosceles trapezoid have two congruent non-parallel sides.

Rewrite: _____

3. Fix the sentence: Each trapezoid have four vertices and one pair of parallel sides.

Rewrite: _____

Part B: Fill in the Blank

Write the missing word or number on each line.

1. A Grade 4 trapezoid has exactly _____ pair of parallel sides.
2. Every quadrilateral, including a trapezoid, has _____ vertices.
3. An _____ trapezoid has two congruent non-parallel legs.
4. The two parallel sides of a trapezoid are called _____.

Part C: Short Answer

Answer each question in one or two complete sentences.

1. Explain why a square is not a trapezoid in the Grade 4 classification used at school.

2. Describe one attribute that makes an isosceles trapezoid special compared with other Grade 4 trapezoids.

Answer Key · Classifying Quadrilaterals · Grade: Grade 4

Part A: Fix the Sentence

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

1. Fix the sentence: A trapezoid has two pairs of parallel sides in Grade 4 geometry.

Rewrite: **A trapezoid has one pair of parallel sides in Grade 4 geometry.**

2. Fix the sentence: An isosceles trapezoid have two congruent non-parallel sides.

Rewrite: **An isosceles trapezoid has two congruent non-parallel sides.**

3. Fix the sentence: Each trapezoid have four vertices and one pair of parallel sides.

Rewrite: **Each trapezoid has four vertices and one pair of parallel sides.**

Part B: Fill in the Blank

Write the missing word or number on each line.

1. A Grade 4 trapezoid has exactly one pair of parallel sides.
2. Every quadrilateral, including a trapezoid, has four vertices.
3. An isosceles trapezoid has two congruent non-parallel legs.
4. The two parallel sides of a trapezoid are called bases.

Part C: Short Answer

Answer each question in one or two complete sentences.

1. Explain why a square is not a trapezoid in the Grade 4 classification used at school.

A square has two pairs of parallel sides, but a trapezoid in Grade 4 has only one pair. Because a square has more, it is classified as a parallelogram, not a trapezoid.

2. Describe one attribute that makes an isosceles trapezoid special compared with other Grade 4 trapezoids.

An isosceles trapezoid has two congruent legs, so its non-parallel sides are equal in length. This gives it one line of symmetry, unlike most trapezoids.
