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: *An equilateral triangle has two equal sides and one different side.*

   Rewrite: _____

2. Fix the sentence: *A right triangle has all angles less than 90°.*

   Rewrite: _____

3. Fix the sentence: *A scalene triangle has at least two equal sides.*

   Rewrite: _____

Part B: Fill in the Blank

Write the missing word or number on each line.

1. A triangle with all three sides equal is called a(n) _____ triangle.
2. A triangle with exactly one angle greater than 90° is called a(n) _____ triangle.
3. An isosceles triangle has exactly _____ equal sides.
4. The sum of all interior angles in any triangle is _____ degrees.

Part C: Short Answer

Answer each question in one or two complete sentences.

1. Can a triangle be both right and isosceles at the same time? Explain why or why not.

   _____

   _____

2. A triangle has angles measuring 60°, 60°, and 60°. Classify this triangle by both its sides and its angles.

   _____

   _____

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

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1. Fix the sentence: *An equilateral triangle has two equal sides and one different side.*

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Part B: Fill in the Blank

Write the missing word or number on each line.

1. A triangle with all three sides equal is called a(n) **equilateral** triangle.
2. A triangle with exactly one angle greater than 90° is called a(n) **obtuse** triangle.
3. An isosceles triangle has exactly **2** equal sides.
4. The sum of all interior angles in any triangle is **180** degrees.

Part C: Short Answer

Answer each question in one or two complete sentences.

1. Can a triangle be both right and isosceles at the same time? Explain why or why not.

   _____

   _____

2. A triangle has angles measuring 60°, 60°, and 60°. Classify this triangle by both its sides and its angles.

   _____

   _____