



Classifying Triangles

Name: _____

Date: _____

Grade: Grade 4

Part A: Fill in the Blank

Write the missing word or number on each line.

1. The three angles of any triangle always add up to _____ degrees.
2. A triangle has angles of 50, 60, and _____ degrees.
3. A triangle has a 90 degree angle and three sides of different lengths. It is a right _____ triangle.
4. Every equilateral triangle is also an _____ triangle, because all its angles are less than 90 degrees.
5. If a triangle has angles of 100, 40, and 40 degrees, it is an obtuse _____ triangle.
6. A right triangle can have its two shorter sides equal in length, making it a right _____ triangle.
7. If two angles of a triangle measure 35 and 55 degrees, the third angle is _____ degrees.
8. A triangle that has all three angles less than 90 degrees is called an _____ triangle.
9. Angles of 70, 70, and 40 degrees describe an _____ triangle (by sides) that is also acute.

Part B: Matching

Match each item on the left to the correct answer on the right.

1. Match each item to its correct answer.

Triangle with all sides equal	→ _____	Right triangle
Triangle with one 90 degree angle	→ _____	Equilateral triangle
Triangle with one angle greater than 90 degrees	→ _____	Scalene triangle
Triangle with all three sides different lengths	→ _____	Obtuse triangle

Answer Key · Classifying Triangles · Grade: Grade 4

Part A: Fill in the Blank

Write the missing word or number on each line.

1. The three angles of any triangle always add up to 180 degrees.
2. A triangle has angles of 50, 60, and 70 degrees.
3. A triangle has a 90 degree angle and three sides of different lengths. It is a right scalene triangle.
4. Every equilateral triangle is also an acute triangle, because all its angles are less than 90 degrees.
5. If a triangle has angles of 100, 40, and 40 degrees, it is an obtuse isosceles triangle.
6. A right triangle can have its two shorter sides equal in length, making it a right isosceles triangle.
7. If two angles of a triangle measure 35 and 55 degrees, the third angle is 90 degrees.
8. A triangle that has all three angles less than 90 degrees is called an acute triangle.
9. Angles of 70, 70, and 40 degrees describe an isosceles triangle (by sides) that is also acute.

Part B: Matching

Match each item on the left to the correct answer on the right.

1. Match each item to its correct answer.

Triangle with all sides equal	→ <u>Equilateral triangle</u>	Right triangle
Triangle with one 90 degree angle	→ <u>Right triangle</u>	Equilateral triangle
Triangle with one angle greater than 90 degrees	→ <u>Obtuse triangle</u>	Scalene triangle
Triangle with all three sides different lengths	→ <u>Scalene triangle</u>	Obtuse triangle