



Classifying Triangles

Name: _____

Date: _____

Grade: Grade 4

Part A: Fill in the Blank

Write the missing word or number on each line.

1. A triangle with three congruent sides and three 60 degree angles is equilateral and _____ .
2. A triangle with two congruent sides and a 90 degree angle is isosceles and _____ .
3. A triangle with three different side lengths and one 110 degree angle is scalene and _____ .
4. A triangle with sides 4, 4, 4 and angles 60, 60, 60 can be classified as equilateral and _____ .
5. A triangle with two equal sides and a 100 degree vertex angle is isosceles and _____ .
6. A triangle with three different sides and three angles of 50, 60, and 70 is scalene and _____ .
7. A triangle with two congruent sides and three angles of 70, 70, and 40 is isosceles and _____ .
8. A triangle with three different sides and a 90 degree angle is scalene and _____ .
9. A triangle with sides 6, 6, 8 and angles 70, 70, 40 is isosceles and _____ .

Part B: Matching

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

1. Match each item to its correct answer.

Equilateral with all 60 degree angles

→ _____

Equilateral and acute

Isosceles with a 90 degree angle

→ _____

Isosceles and right

Scalene with a 120 degree angle

→ _____

Scalene and obtuse

Scalene with angles 50, 60, 70

→ _____

Scalene and acute

Answer Key · Classifying Triangles · Grade: Grade 4

Part A: Fill in the Blank

Write the missing word or number on each line.

1. A triangle with three congruent sides and three 60 degree angles is equilateral and acute .
2. A triangle with two congruent sides and a 90 degree angle is isosceles and right .
3. A triangle with three different side lengths and one 110 degree angle is scalene and obtuse .
4. A triangle with sides 4, 4, 4 and angles 60, 60, 60 can be classified as equilateral and acute .
5. A triangle with two equal sides and a 100 degree vertex angle is isosceles and obtuse .
6. A triangle with three different sides and three angles of 50, 60, and 70 is scalene and acute .
7. A triangle with two congruent sides and three angles of 70, 70, and 40 is isosceles and acute .
8. A triangle with three different sides and a 90 degree angle is scalene and right .
9. A triangle with sides 6, 6, 8 and angles 70, 70, 40 is isosceles and 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.

Equilateral with all 60 degree angles

→ Equilateral and acute

Equilateral and acute

Isosceles with a 90 degree angle

→ Isosceles and right

Isosceles and right

Scalene with a 120 degree angle

→ Scalene and obtuse

Scalene and obtuse

Scalene with angles 50, 60, 70

→ Scalene and acute

Scalene and acute