



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 sides of 5 cm, 5 cm, and 5 cm is called an _____ triangle.
2. A triangle with sides of 7 in, 7 in, and 4 in is called an _____ triangle.
3. A triangle with sides of 3 cm, 4 cm, and 5 cm is called a _____ triangle.
4. If a triangle has angles of 80, 60, and _____ degrees, the missing angle keeps the total at 180.
5. A right triangle always has exactly _____ angle that measures 90 degrees.
6. A triangle with angles 110, 35, and 35 degrees is an obtuse _____ triangle.
7. A triangle that is both right and isosceles has angles 90, 45, and _____ degrees.
8. Angles 60, 60, 60 describe an equilateral triangle, which is also an _____ triangle by angle.
9. A triangle with angles of 95, 45, and 40 degrees is an _____ triangle.

Part B: Matching

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

1. Match each item to its correct answer.

Angles 60, 60, 60	→ _____	Acute scalene
Angles 90, 45, 45	→ _____	Right isosceles
Angles 100, 40, 40	→ _____	Equilateral acute
Angles 80, 60, 40	→ _____	Obtuse isosceles

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 sides of 5 cm, 5 cm, and 5 cm is called an equilateral triangle.
2. A triangle with sides of 7 in, 7 in, and 4 in is called an isosceles triangle.
3. A triangle with sides of 3 cm, 4 cm, and 5 cm is called a scalene triangle.
4. If a triangle has angles of 80, 60, and 40 degrees, the missing angle keeps the total at 180.
5. A right triangle always has exactly one angle that measures 90 degrees.
6. A triangle with angles 110, 35, and 35 degrees is an obtuse isosceles triangle.
7. A triangle that is both right and isosceles has angles 90, 45, and 45 degrees.
8. Angles 60, 60, 60 describe an equilateral triangle, which is also an acute triangle by angle.
9. A triangle with angles of 95, 45, and 40 degrees is an obtuse triangle.

Part B: Matching

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

1. Match each item to its correct answer.

Angles 60, 60, 60	→ <u>Equilateral acute</u>	Acute scalene
Angles 90, 45, 45	→ <u>Right isosceles</u>	Right isosceles
Angles 100, 40, 40	→ <u>Obtuse isosceles</u>	Equilateral acute
Angles 80, 60, 40	→ <u>Acute scalene</u>	Obtuse isosceles