



Classifying Triangles

Name: _____

Date: _____

Grade: Grade 4

Part A: Fill in the Blank

Write the missing word or number on each line.

1. If two angles in a triangle measure 60 and 70 degrees, the third angle measures _____ degrees.
2. If two angles in a triangle measure 45 and 45 degrees, the third angle measures _____ degrees.
3. If two angles in a triangle measure 30 and 60 degrees, the third angle measures _____ degrees.
4. A triangle has angles of 80 and 70 degrees. Its third angle measures _____ degrees.
5. If a triangle has angles of 100 and 40 degrees, the third angle measures _____ degrees.
6. A triangle has two angles of 25 and 65 degrees. The third angle measures _____ degrees.
7. If a triangle has angles 110 and 35 degrees, the third angle measures _____ degrees.
8. A triangle has two angles measuring 60 degrees each. The third angle measures _____ degrees.
9. A triangle has angles of 20 and 70 degrees. The third angle measures _____ degrees.

Part B: Matching

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

1. Match each item to its correct answer.

Two angles 50 and 60	→ _____	Third angle 70 degrees
Two angles 45 and 45	→ _____	Third angle 90 degrees
Two angles 100 and 30	→ _____	Third angle 50 degrees
Two angles 80 and 60	→ _____	Third angle 40 degrees

Answer Key · Classifying Triangles · Grade: Grade 4

Part A: Fill in the Blank

Write the missing word or number on each line.

1. If two angles in a triangle measure 60 and 70 degrees, the third angle measures 50 degrees.
2. If two angles in a triangle measure 45 and 45 degrees, the third angle measures 90 degrees.
3. If two angles in a triangle measure 30 and 60 degrees, the third angle measures 90 degrees.
4. A triangle has angles of 80 and 70 degrees. Its third angle measures 30 degrees.
5. If a triangle has angles of 100 and 40 degrees, the third angle measures 40 degrees.
6. A triangle has two angles of 25 and 65 degrees. The third angle measures 90 degrees.
7. If a triangle has angles 110 and 35 degrees, the third angle measures 35 degrees.
8. A triangle has two angles measuring 60 degrees each. The third angle measures 60 degrees.
9. A triangle has angles of 20 and 70 degrees. The third angle measures 90 degrees.

Part B: Matching

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

1. Match each item to its correct answer.

Two angles 50 and 60	→ <u>Third angle 70 degrees</u>	Third angle 70 degrees
Two angles 45 and 45	→ <u>Third angle 90 degrees</u>	Third angle 90 degrees
Two angles 100 and 30	→ <u>Third angle 50 degrees</u>	Third angle 50 degrees
Two angles 80 and 60	→ <u>Third angle 40 degrees</u>	Third angle 40 degrees