Class 7 Maths Worksheet

WS1

Kaboodle

The Triangle and its Properties

Topic: Angle Sum Property

Name:

Date:

1. Two angles of a triangle are of measures 150° and 30°. Find the measure of the third angle. ____ °

2. One of the angles of a triangle is 130°, and the other two angles are equal. What is the measure of each of these equal angles? ____ °

3. The three angles of a triangle are equal to one another. What is the measure of each of the angles? ____ °

4. The angles of a triangle are (x − 40)°, (x − 20)° and (1/2 − 10)°. Find the value of x. ____ °

In each of the following, the measures of three angles are given. State in which cases the angles can possibly be those of a triangle: (Give the answer as: Triangle/Not triangle)

5. 63°, 37°, 80° ____

6. 45°, 61°, 73° ____

7. 59°, 72°, 61° ____

8. 45°, 45°, 90° ____

9. 30°, 20°, 125° ____

10. 48°, 59°, 72° ____

LIVEWORKSHEETS