

Determine Triangle Measures

Use what you know about triangles to write the missing angles.

1 A right triangle has an angle that is 50° . What are the measures of the other two angles?

2 A scalene triangle has an angle that measures 47° and a second angle that measures 88° . What is the measure of the third angle?

3 An equiangular triangle has an angle that measures 60° . What are the measures of the other two angles?

4 An acute triangle has an angle that measures 89° and a second angle measuring 37° . What is the measure of the third angle?

5 A right triangle has an angle that is 60° . What are the measures of the other two angles?

6 An obtuse triangle has one angle measuring 28° and a second angle measuring 42° . What is the measure of the third angle?

7 A scalene triangle has an angle that measures 17° and a second angle that measures 55° . What is the measure of the third angle?

8 An acute triangle has an angle that measures 73° and a second angle measuring 71° . What is the measure of the third angle?

9 A right triangle has an angle that is 35° . What are the measures of the other two angles?

10 A right triangle has an angle that is 58° . What are the measures of the other two angles?

11 An equilateral triangle has an angle that measures 60° . What are the measures of the other two angles?

12 An obtuse triangle has one angle measuring 44° and a second angle measuring 36° . What is the measure of the third angle?
