

Q1) 1. If a triangle is equilateral, and you know one angle is 60, what are the measures of the other two angles?

- a. 90 and 30 b. 70 and 30 c. 60 and 60 d. 100 and 20

2. In an isosceles triangle, one angle measures 100° . What are the measures of the other two angles?

- a. 80 and 80 b. 40 and 40 c. 50 and 50 d. 30 and 50

3. A triangle has two angles measuring 45 and 85. Find the missing third angle.

- a. 90 b. 50 c. 40 d. 60

4. In an isosceles triangle, the 'different' angle is 70. Find the measure of the two equal angles.

- a. 110 b. 70 c. 60 d. 55

5. In a right-angled triangle, one of the angles is 25° . Find the other missing angle

- a. 90 b. 65 c. 75 d. 55

6. In a right triangle, one of the acute angles is double the measure of the other acute angle. What is the measure of the smallest angle?

- a. 30 b. 20 c. 60 d. 90

Q2) True or false

- a. A triangle can have two obtuse angles. _____
- b. Every equilateral triangle is also an acute triangle. _____
- c. A scalene triangle must have three different angle measurements. _____
- d. One angle of a triangle is 95° . The triangle is an acute triangle. _____
- e. Two angles of a triangle are 40 and 40. The triangle is a right triangle. _____

