LIVE WORKSHEET

THE TRIANGLES AND ITS PROPERTIES

1. It is possible to have a triangle in which each angle is greater than 60°.

2. An equilateral triangle is isosceles also.

3. In a triangle Sum of any two sides of a triangle is not less than the third side.

4. If one side of a triangle is produced, the exterior angle so formed is equal to the sum of its ……..

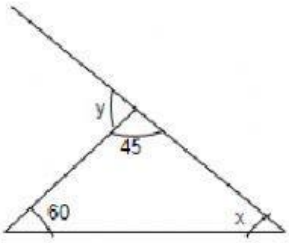
5. The difference of any two sides of a triangle is …… than the third side.

6. In an isosceles triangle, two base angles are always …….. .

7. A triangles has ……..elements.

8. How many altitudes does a triangle have?

9. The measures of ∠x = ……..° and ∠y = ……..°.



10. Which of the following statements is not correct?

(a) The sum of any two sides of a triangle is greater than the third side

(b) A triangle can have all its angles acute

(c) A right-angled triangle cannot be equilateral

(d) Difference of any two sides of a triangle is greater than the third side

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