

H/W
2/2/21

1) Can a triangle be formed by line segments of lengths a, b & c , such that $a > b - c$?

Ans) YES.

2) Can a triangle be formed by line segments of lengths a, b & c , such that $a = b - c$?

Ans) NO.

3) The areas of n polygons on the same base & between the same \parallel lines are

Ans) same.

4) In a regular polygon, are all the exterior angles equal?

Ans) YES.

5) Can the sum of the 2 angles of a Δ be less than the third side?

Ans) YES.

6) If all the sides of a polygon are equal, then all its interior angles must be equal. Is the given statement true?

Ans) NO, it's False.

7) If a circle passes through four points, then the four points are said to be _____.

Ans) Concyclic

8) Two circles can't intersect in more than two points. [TRUE / FALSE]

Ans) TRUE

9) Two quadrilaterals of equal perimeters occupy equal areas. Is this statement always true?

Ans) NO.