

HOMEWORK :-

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

Ans > Yes

② Can a triangle be formed of length a, b, c such that $a = b - c$?

Ans > Yes

③ The area of parallelograms on same base & between same parallel lines are same in area

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

Ans > Yes. Each angle is $\frac{360^\circ}{n}$.

$n =$ number of sides

⑤ Can sum of two angles of a triangle be less than the third angle ?

Ans > Yes

⑥ If all the sides of polygon are equal, all its interior \angle s equal. True or false ?

Ans > Yes. True

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

Ans > concyclic

⑧ Two circles cannot intersect in more than two points.

Ans → True

⑨ Two quadrilaterals of equal perimeter occupy equal area.

Ans → False