H.W 08 02

Date
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1. Can a triangle be formed by line segments of lengths a, b and c, such that $a > b - c$? → Yes

2. Can a triangle be formed by line segments of lengths a, b and c, such that $a = b - c$? → Yes

3. The areas of parallelograms on the same base and between the same parallel lines are equal in area

4. In a regular polygon, are all the exterior ∠s equal? → Yes

5. Can the sum of the 2 ∠s of a △ be less than the third angle? → No

6. If all the sides of a polygon are equal, then all its interior angles must be equal. Is the given statement true? → No

7. If a circle passes through 4 points, then the 4 points are said to be concyclic.

8. Two circles cannot intersect in more than 2 points. → True

9. Two quadrilaterals of equal perimeters occupy equal areas. Is this statement always true? → No