

19/8/2020
WEDNESDAY

MATHEMATICS

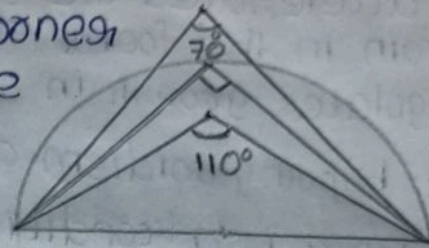
STD - 8
class - 20

Assignment

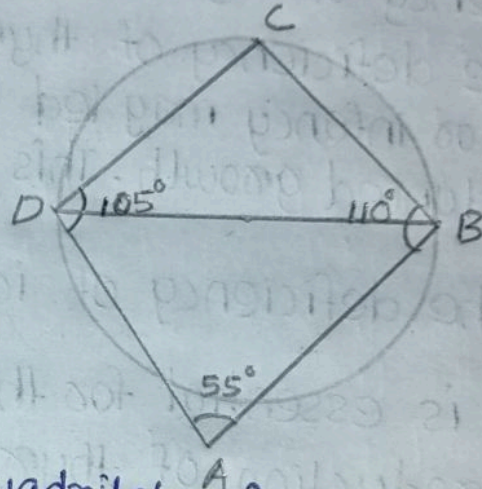
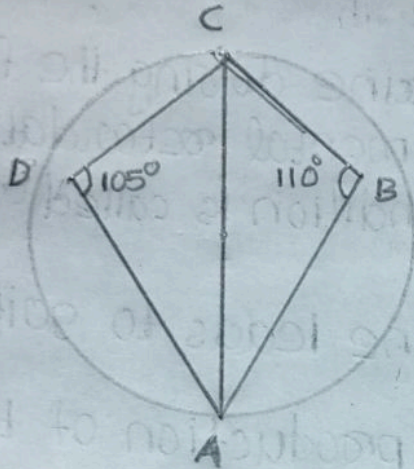
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1. Ans)

The corner with angle 110° is inside the circle, the corner with angle 90° is on the circle and the corner with angle 70° is outside the circle.



2. Ans)



Sum of the angles of a quadrilateral = 360°

$$\therefore \angle C = 360 - (105 + 55 + 110) = 360 - 270 = 90^\circ$$

If we draw a circle with the diagonal AC as diameter, the corners B and D will be inside the circle. [These angles are greater than 90° .]

If we draw a circle with the diagonal DB as diameter, the corner A will be outside the circle and the corner C will be on the circle.