

Exercise 11C

## Question 8:

 $\Delta$  ABC is an equilateral triangle.

... Each of its angle is equal to 60°



(i) Angle s in the same segment of a circle are equal.

(ii) The opposite angles of a cyclic quadrilateral are supplementary ABCE is a cyclic quadrilateral and thus,

## Question 9:

ABCD is a cyclic quadrilateral.

opp.angle of a cyclic quadrilateral are supplementary



Now in AABD, we have

\*\*\*\*\*\*\*\*\*\* END \*\*\*\*\*\*\*\*