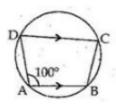


## Exercise 11C

## Question 3:

In cyclic quadrilateral ABCD, AB | DC and∠BAD = 100°



## Question 4:

Take a point D on the major arc CA and join AD and DC

$$\angle 2 = 2\angle 1$$

Angle subtended by an arc is twice the angle subtended by it on the circumference in the alternate segment.

∠PBC=∠1

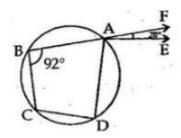
[: exterior angle of a cydic quadrilateral interior opposite angle]

∠PBC=65°

## Question 5:



ABCD is a cyclic quadrilateral



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