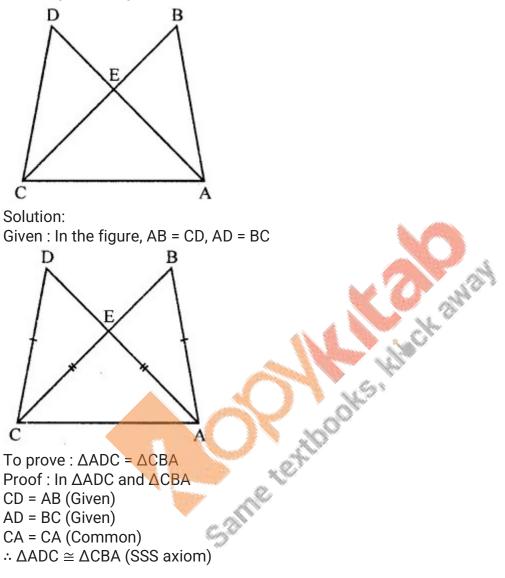
RD Sharma Class 9 Solutions Chapter 12 Heron's Formula Ex 12.4

Question 1.

In the figure, it is given that AB = CD and AD = BC. Prove that \triangle ADC $\cong \triangle$ CBA.



Question 2.

In a APQR, if PQ = QR and L, M and N are the mid-points of the sides PQ, QR and RP respectively. Prove that LN = MN.

Solution:

Given : In \triangle PQR, PQ = QR

L, M and N are the mid-points of sides PQ, QR and RP respectively. Join LM, MN and LN

