

## OVIDYA BHAWAN, BALIKA VIDYAPITH

Shakti Utthan Ashram, Lakhisarai-811311(Bihar)

(Affiliated to CBSE up to +2 Level)

CLASS: X SUB.: MATHS (NCERT BASED) DATE: 08-09-2020

A-A-Similarity Corollary equal to two angles of another triangle, then the two triangles are Similar. Given :- DABC and APQR, LA = LP, LB = LQ To Prove: - AABL RAPER <A+(B+CC = 180' (properties of A3) froof AABC, <P+LQ+LR = 180' (proporties of 15) MPQR <4+ <B+ <R = 180. from ean (1) and (1) 4A+1B+2C = LA+CB+CR Know DABC and APBR <A = <P | Given LC = LR ( abone prov =0) AABC ~ APRR (by A-A-A)