

www.agaram.lk NALANDA COLLEGE - COLOMBO 10

Grade 11

Mathematics

Second Term – Unit Test

12) <u>Equiangular Triangles</u>

<u>PART I</u>









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 In the traingle PQR, A is the mid point of PQ the line drawn parallel to QR through A meets PR at B. Midpoint of CR is D and PQ parallel to CB





- 3) In the triangle PQR, ST//QR.
 - i. Show that triangles PST and PQR are equiangular.
 - ii. If, ST = 4cm, QR=16cm, SQ = 3cm and TR = 8cm, find the lengths of SP and PT.



