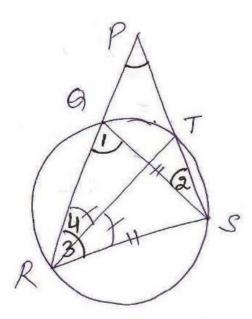
CBSE HOTS IX, Circles 4

Solution by Dev Anoop (Bathinda)



In figure SR = SQ, RT is bisector of angle PRS. Prove QP = QS

gwen - In figure 3R = SQ RT is bisector of 19RS

to prove ap=as proof LI=LP+L2 (exterior Lprop

> 13 = LP+12 214 = LP+12

But 14 = 12 212 = LP+12 3 12 = LP

3 9P= 9S

But 1' = 13 (usosceles a preop)

CBSE HOTS IX, Circles 4

Solution by Dev Anoop (Bathinda)