

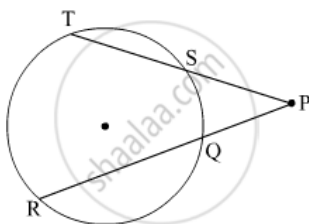


Indian Institute of Technology Hyderabad
Future Wireless Communication
Entrance Exam

Duration: 30 min

Date: July 13, 2023

1. In the given figure, if $\overline{PQ} = 6$, $\overline{QR} = 10$, $\overline{PS} = 8$ find \overline{TS} .



2. The sum of the 2nd term and the 7th term of an A.P is 30. If its 15th term is 1 less than twice of its 8th term, find the A.P

Best Wishes