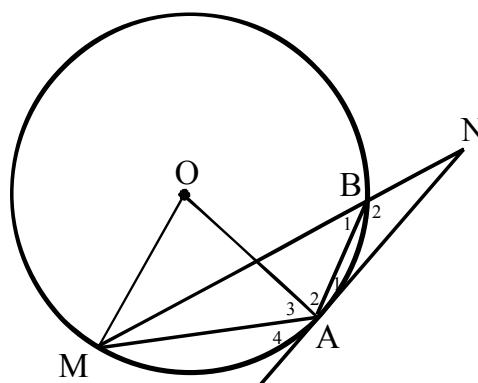


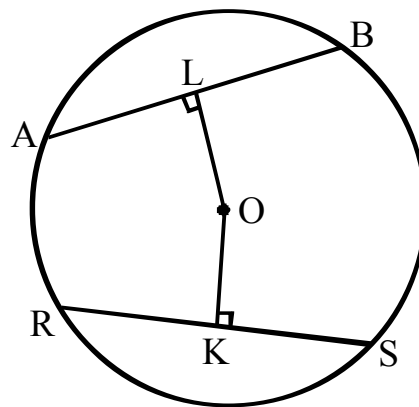
Worksheet 2015-11 EJ-00013(2)

- (1) AN is a tangent to the circle with
AM = AN. O is the centre of the circle.

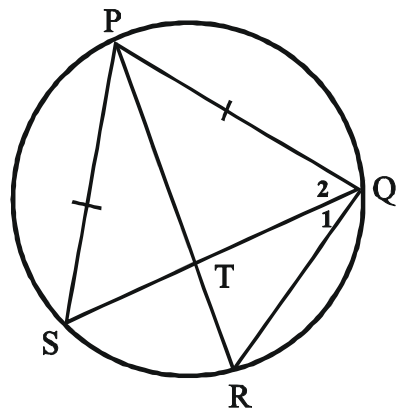
- Prove that $AB = BN$.
- If $\hat{A}_1 = x$, express $A\hat{O}M$ in terms of x .



- [illegible]



- (3) Prove that PQ is a tangent to the circle through R, Q and T.

[illegible]