13

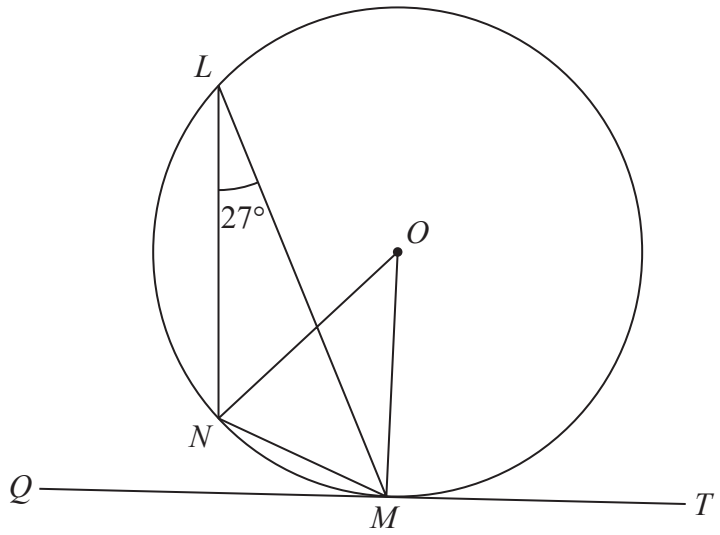


Diagram **NOT** accurately drawn

L, *M* and *N* are points on a circle, centre *O*.
QMT is the tangent to the circle at *M*.

(a) (i) Find the size of angle *NOM*.

.....°

(ii) Give a reason for your answer.

.....

.....

(2)

(b) (i) Find the size of angle *NMQ*.

.....°

(ii) Give a reason for your answer.

.....

.....

(2)

(Total for Question 13 is 4 marks)

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