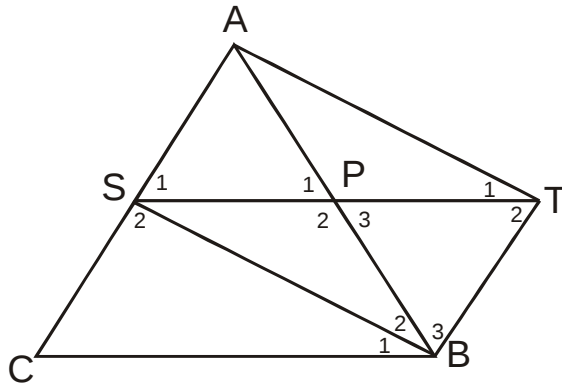


Exercise 2015-10 EK-00010(1)

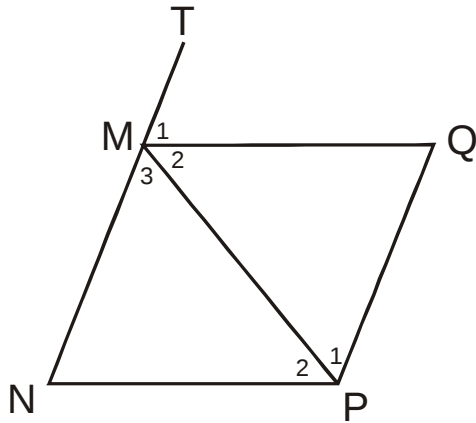
(1)



BCST is a parallelogram and
 $AS = SC$.

Prove that ASBT is also a
 parallelogram.

(2)



In the sketch $\widehat{TMQ} = 80^\circ$ and

$\widehat{NPM} = 50^\circ$

$MQ = NP$ and $MN = NP$.

Prove that:

(a) MNPQ is a parallelogram.

(b) MNPQ is a rhombus as well.