One-Step Equations: Shapes

Solve each problem.

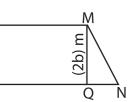
1) RSTU is a parallelogram where the diagonals bisect each other with O as the center. Given that OR = 18 mm, OT = (9t) mm and OU = (15 + t) mm. Find the value of t and determine the length of OS.

t = _____ OS = ____

2) LMNO is a trapezium where the heights LP and MQ are equal. If LP = 14 m, find the value of b.



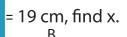
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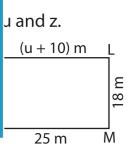
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cm D (-5 + x) cm C

4) KLMN is a rectang

5) CDEF is a rhombus. If EF = 50 cm, find the value of n.

