

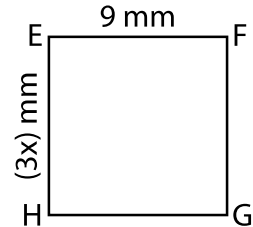
Name : _____

One-Step Equations: Shapes

Type 2: S2

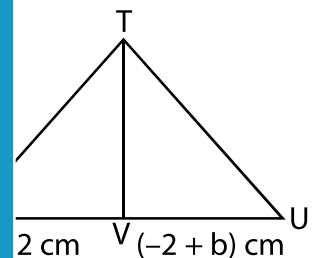
Solve each problem.

- 1) EFGH is a square. If EF is 9 mm, find the value of x.



x = _____

- 2) STU is a triangle. TV is a median that bisects the side SU. If SV=12 cm, find b.



b = _____

- 3) ABCD is a parallelogram with O as the center. Given that OA = 20 m and OC = (10t) m, determine the length of OB.

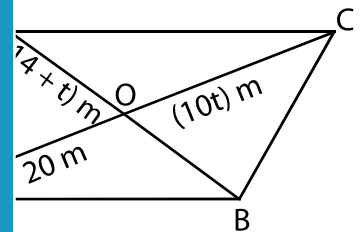
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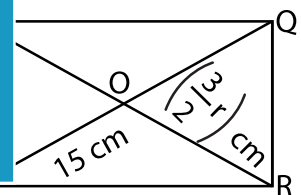
with O as the center. Find the value of t and the length of OB.



t = _____

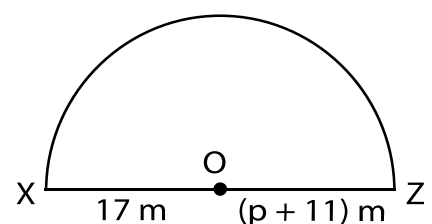
- 4) PQRS is a rectangle. The diagonals PR and QS intersect at O. If OS = 15 cm and OR = (2/3)r cm, find the length of the diagonal PR.

that SQ = 15 cm



r = _____

- 5) In the given semi-circle, XZ is the diameter and O is the center. If OX = 17 m, find p.



p = _____