

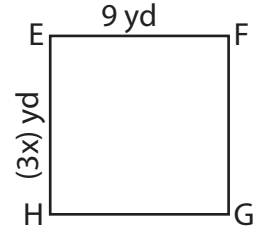
Name : _____

One-Step Equations: Shapes

Type 2: S2

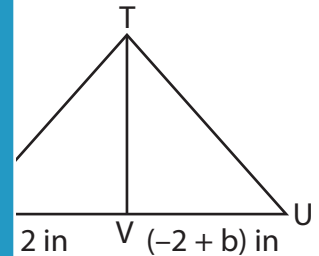
Solve each problem.

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



x = _____

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



b = _____

- 3) ABCD is a parallelogram with O as the center. Given that OA = 20 ft, determine the length of OB.

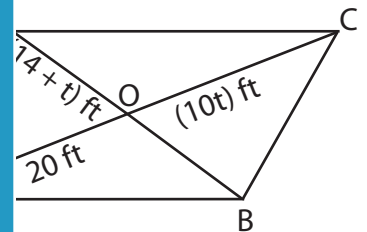
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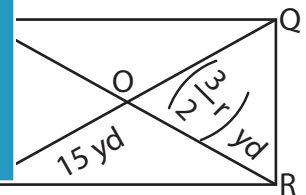
with O as the center. Find the value of t and



t = _____

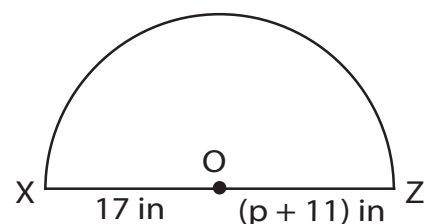
- 4) PQRS is a rectangle with O as the center. Given that OS = 15 yd, find the length of QR.

that SQ = 15 yd



r = _____

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



p = _____

Name : _____

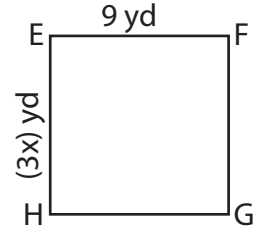
Answer Key

One-Step Equations: Shapes

Type 2: S2

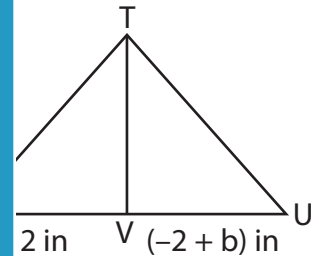
Solve each problem.

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



x = 3

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



b = 14

- 3) ABCD is a parallelogram. Given that OA = 20 ft, determine the length of OB.

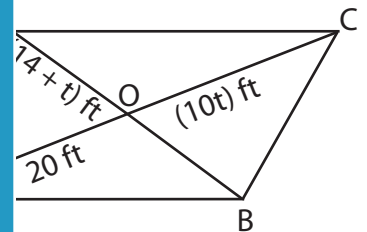
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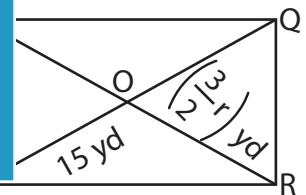
with O as the center. Find the value of t and



t = 2

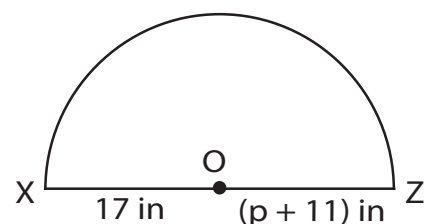
- 4) PQRS is a rectangle. The length of the diagonal PR is $\left(\frac{3}{2}r\right)$ yd, and the length of the side PQ is 15 yd. Find the length of the side QR.

that SQ = 15 yd



r = 10

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



p = 6