

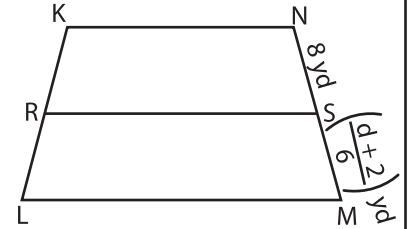
Name : \_\_\_\_\_

## Two-Step Equations: Shapes

Type 2: S2

Solve each problem.

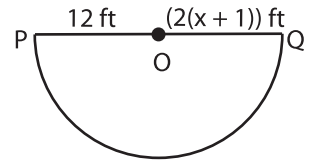
- 1) In the trapezoid KLMN, R and S are the midpoints of KL and NM respectively. If NS measures 8 yd, find the value of d.



$d =$  \_\_\_\_\_

- 2) PQ is the diameter of a semicircle. O is the center. The radius is 12 ft, find the value of x.

The radius is 12 ft, find the

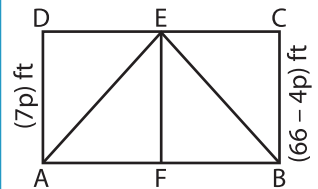


$x =$  \_\_\_\_\_

- 3) A triangle EAB is inscribed in a rectangle ABCD. EF is the height of the triangle.

Gain complete access to the largest collection of worksheets in all subjects!

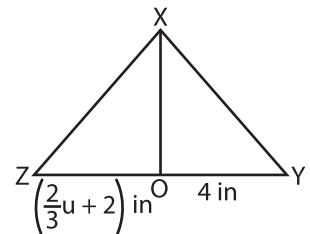
Find the length of EF of the triangle.



$p =$  \_\_\_\_\_

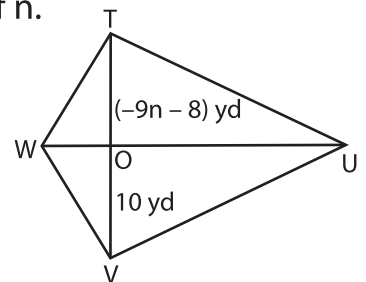
- 4) XYZ is a triangle. XO is the height. ZO = (2/3)u + 2 in, OY = 4 in.

Find the value of u.



$u =$  \_\_\_\_\_

- 5) TUVW is a kite. OU measures 10 yd. If WO = OU, find the value of n.



$n =$  \_\_\_\_\_

Members, please log in to download this worksheet.

Not a member? Please sign up to gain complete access.

[www.mathworksheets4kids.com](http://www.mathworksheets4kids.com)