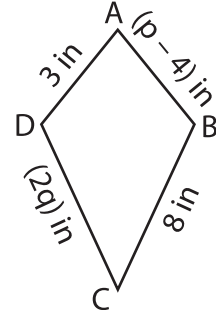


## One-Step Equations: Shapes

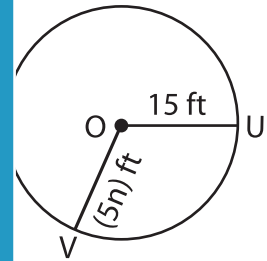
Solve each problem.

- 1) ABCD is a kite with  $AB = AD = 3$  in and  $CD = CB = 8$  in. Find the values of  $p$  and  $q$ .



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

- 2) In the given circle, O is the center and OU is the radius, which measures 15 ft. Find the value of  $n$ .

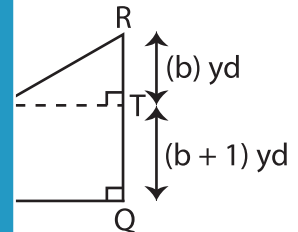


$n =$  \_\_\_\_\_

- 3) PQRS is a right triangle with a perpendicular ST drawn from the vertex S to the hypotenuse QR. Find the length of QR.

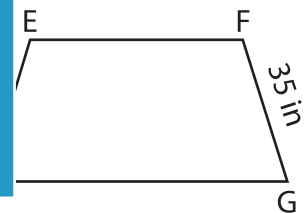
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A perpendicular ST is drawn from the vertex S to the hypotenuse QR. Find the length of QR.



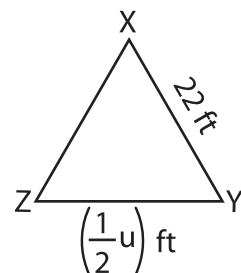
$b =$  \_\_\_\_\_

- 4) EFGH is an isosceles trapezoid with  $EF = 10$  in and  $GH = 35$  in. Find the value of  $x$ .



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

- 5) XYZ is an equilateral triangle, where each side measures 22 ft. Find the value of  $u$ .



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

PREVIEW

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