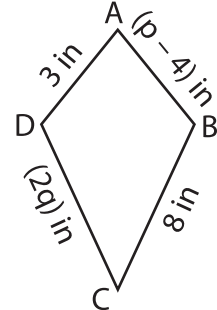


One-Step Equations: Shapes

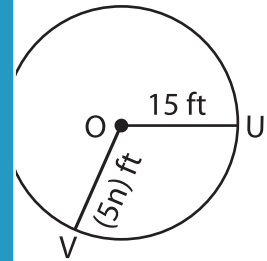
Solve each problem.

- 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 the right angle at vertex S. A perpendicular ST is drawn from the vertex S to the hypotenuse PR. Find the length of QR.

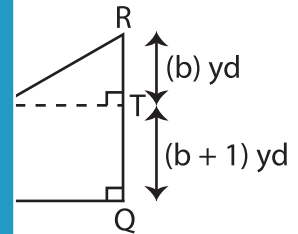
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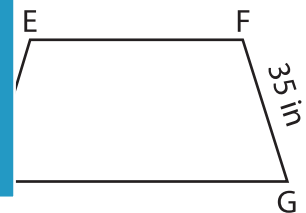
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A perpendicular ST is drawn from the vertex S to the hypotenuse PR. Find the length of QR.



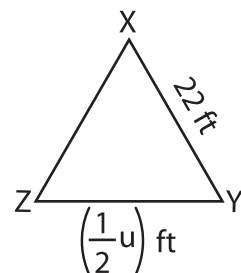
$b =$ _____

- 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 .



$u =$ _____