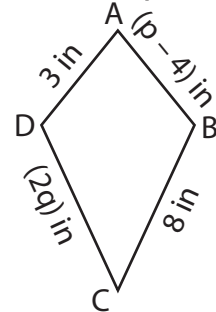


One-Step Equations: Shapes

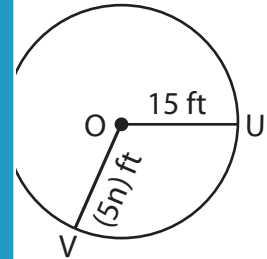
Solve each problem.

- 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 .

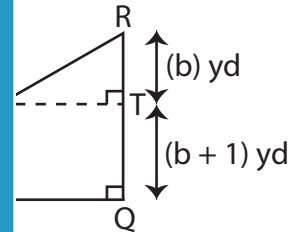


$n =$ _____

- 3) PQRS is a right triangle with the right angle at T. A perpendicular ST is 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 $GH = 20$ in. Find the value of x .

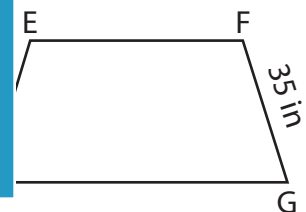
PREVIEW

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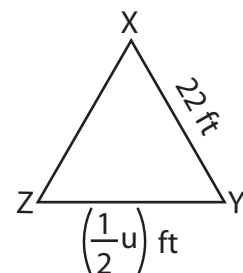
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$x =$ _____

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



$u =$ _____

Name : _____

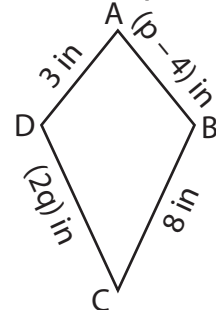
Answer Key

One-Step Equations: Shapes

Type 2: S1

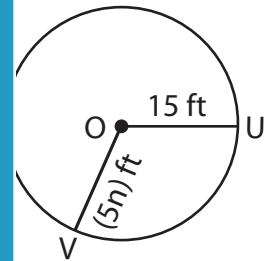
Solve each problem.

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



$p = \underline{7}$ $q = \underline{4}$

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

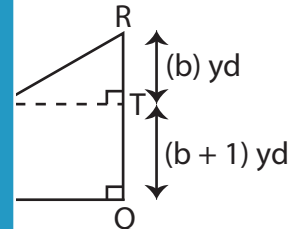


$n = \underline{3}$

- 3) PQRS is a right triangle with the right angle at T. A perpendicular ST is 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.



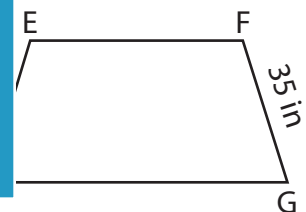
$b = \underline{6}$

- 4) EFGH is an isosceles trapezoid with $EF = 10$ in and $GH = 20$ in. Find the value of x .

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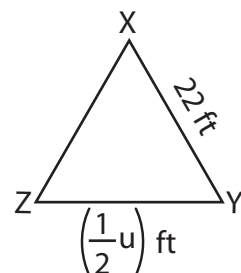
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$x = \underline{5}$

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



$u = \underline{44}$