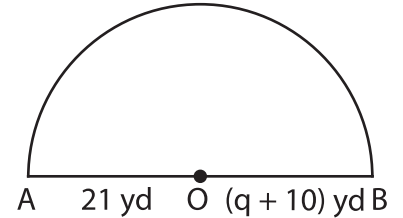


One-Step Equations: Shapes

Solve each problem.

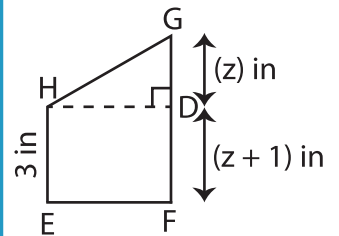
- 1) In the given semi-circle, AB is the diameter and O is the center. If $AO = 21$ yd, find q .

$q =$ _____



- 2) EFGH is a quadrilateral. The side EH measures 3 in. If a perpendicular HD is drawn from the vertex H, find the length of FG.

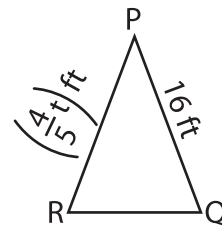
$z =$ _____



- 3) PQR is an isosceles triangle. The base RQ is 16 ft, find the value of t .

$t =$ _____

16 ft, find the

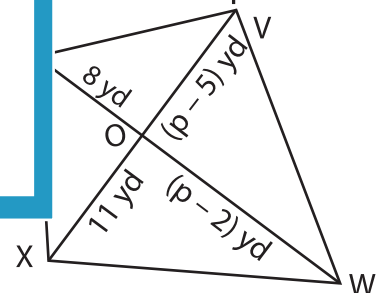


- 4) UVWX is a kite whose diagonals intersect at O. Determine the length of UV and WX.

$p =$ _____

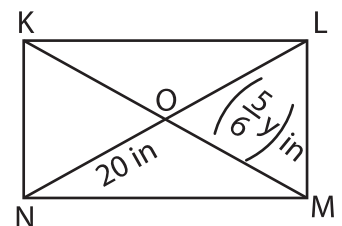
$uv =$ _____

the value of p and



- 5) KLMN is a rectangle whose diagonals bisect each other. Given that $LN = 20$ in and $MK = \left(\frac{5}{6}y\right)$ in, find the value of y .

$y =$ _____



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