

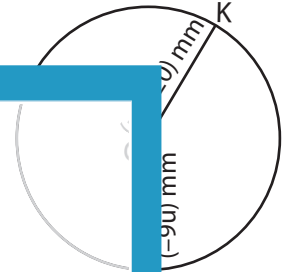
Name : _____

Two-Step Equations: Shapes

Type 2: S3

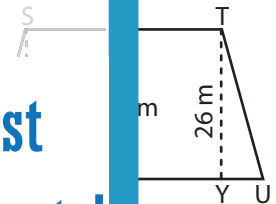
Solve each problem.

- 1) O is the center of the circle shown in the figure. \overline{OK} and \overline{OH} are the radii of the circle. Find the value of u .



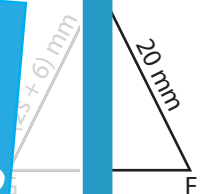
$u =$ _____

- 2) STUV is an isosceles trapezoid with $\overline{ST} = \overline{UV}$. Its height is 26 m. The measure of $\angle T$ is 26° . Find the value of b .



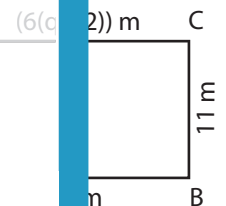
$b =$ _____

- 3) EFG is an isosceles triangle with equal sides \overline{EG} and \overline{EF} . If $\angle F$ measures 20° , find the value of s .



$s =$ _____

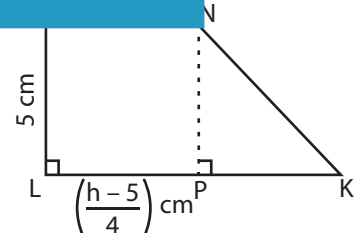
- 4) ABCD is a rectangle. Find the values of q and f .



$q =$ _____

$f =$ _____

- 5) KLMN is a right trapezoid. \overline{NP} is a perpendicular drawn to the side \overline{KL} . If \overline{MN} measures 5 cm, find the value of h .



$h =$ _____

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