

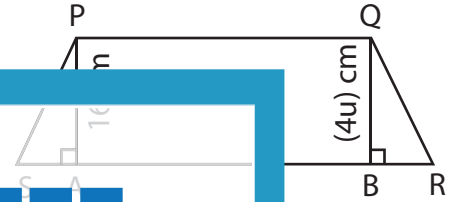
Name : \_\_\_\_\_

## One-Step Equations: Shapes

Type 2: S3

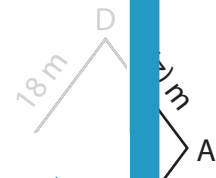
Solve each problem.

- 1) PQRS is a trapezoid where PA and QB are equal. If  $PA = 16$  cm, find the value of  $u$ .



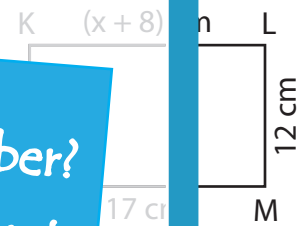
$u =$  \_\_\_\_\_

- 2) ABCD is a rhombus. If  $CD = 18$  m, find the value of  $z$ .



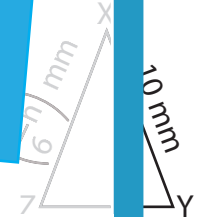
$z =$  \_\_\_\_\_

- 3) KLMN is a rectangle.



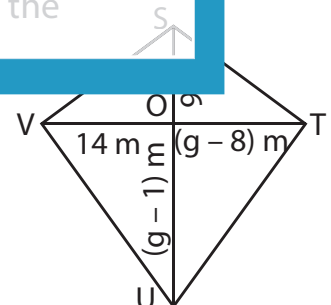
$x =$  \_\_\_\_\_

- 4) XYZ is an isosceles triangle with  $XY = XZ$ . If  $YZ = 10$  mm, find the value of  $n$ .



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

- 5) STUV is a kite where  $OT = OV$ . The length of  $OV$  is 14 m. Find the value of  $g$  and determine the length of  $SU$ .



$g =$  \_\_\_\_\_

$SU =$  \_\_\_\_\_

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