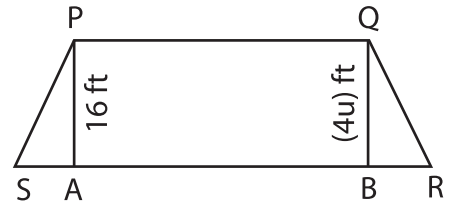


## One-Step Equations: Shapes

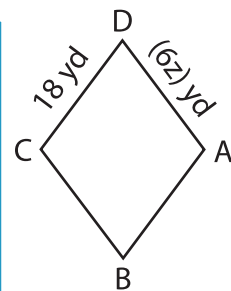
Solve each problem.

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



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

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



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

- 3) KLMN is a rectangle

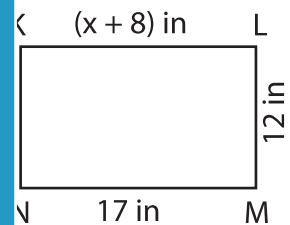
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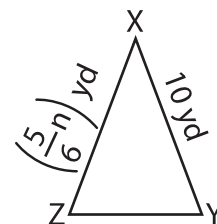
and  $y$ .



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

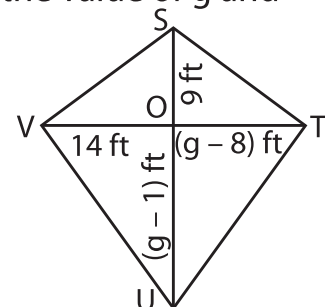
- 4) XYZ is an isosceles triangle. Find the value of  $n$ .

10 yd, find the



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

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



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

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