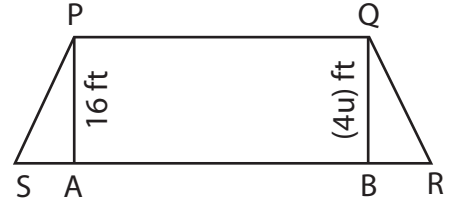


One-Step Equations: Shapes

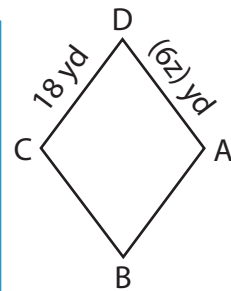
Solve each problem.

- 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

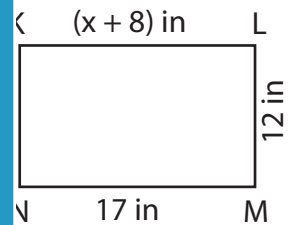
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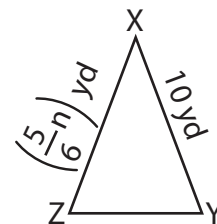
and y .



$x =$ _____

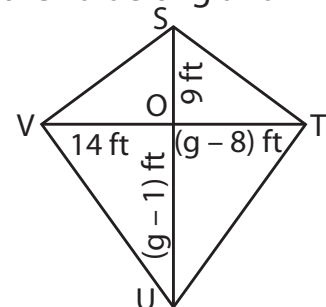
- 4) XYZ is an isosceles triangle. Find the value of n .

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 .



$g =$ _____

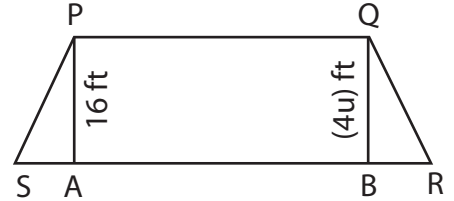
$SU =$ _____

One-Step Equations: Shapes

Type 2: S3

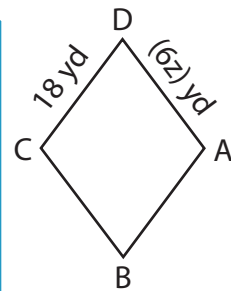
Solve each problem.

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



$$u = \underline{\quad 4 \quad}$$

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



$$z = \underline{\quad 3 \quad}$$

- 3) KLMN is a rectangle

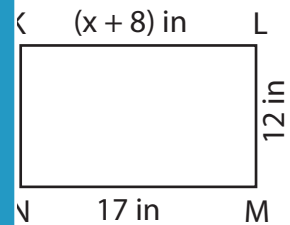
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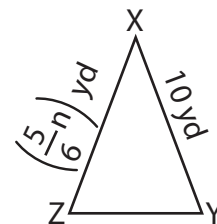
x and y .



$$x = \underline{\quad 9 \quad}$$

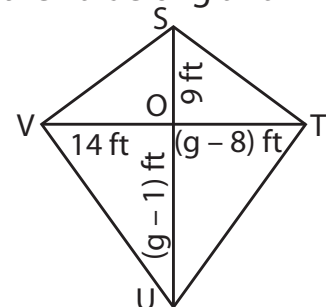
- 4) XYZ is an isosceles triangle. Find the value of n .

10 yd, find the



$$n = \underline{\quad 12 \quad}$$

- 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 .



$$g = \underline{\quad 22 \quad}$$

$$SU = \underline{\quad 30 \text{ ft} \quad}$$