

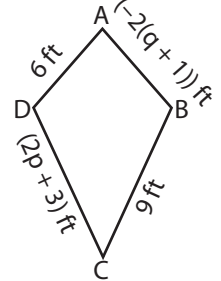
Name : _____

Two-Step Equations: Shapes

Type 2: S1

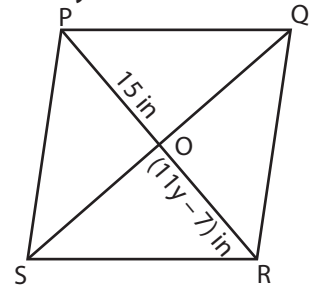
Solve each problem.

- 1) ABCD is a kite. Two pairs of sides have equal lengths. Find the value of p and q .



$p =$ _____ ; $q =$ _____

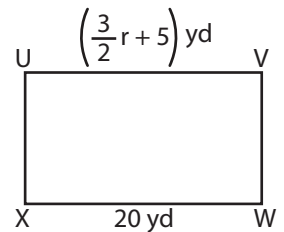
- 2) PQRS is a rhombus. Find the value of y .



$y =$ _____

- 3) UVWX is a rectangle.

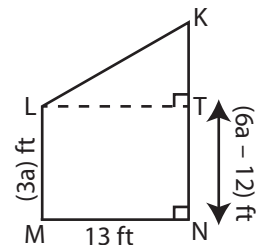
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$r =$ _____

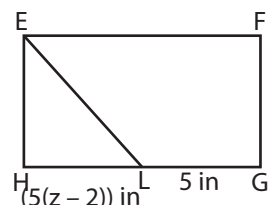
- 4) KLMN is a right trapezoid. Find the value of a .

Find the value of a .



$a =$ _____

- 5) EFGH is a rectangle. A line drawn from the vertex E bisects the side HG at L. If $LG = 5$ in, find the value of z .



$z =$ _____

Name : _____

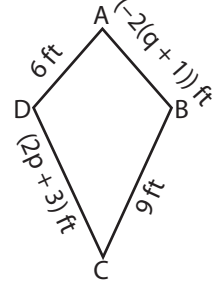
Answer Key

Two-Step Equations: Shapes

Type 2: S1

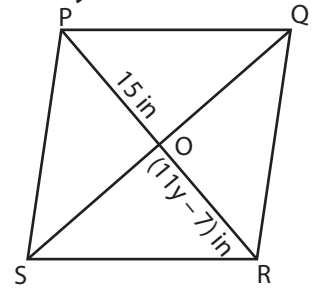
Solve each problem.

- 1) ABCD is a kite. Two pairs of sides have equal lengths. Find the value of p and q.



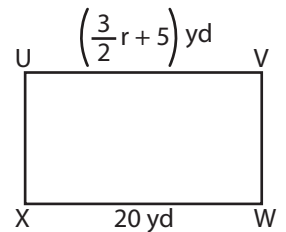
$p = \underline{3}$; $q = \underline{-4}$

- 2) PQRS is a rhombus. Find the value of y.



$y = \underline{2}$

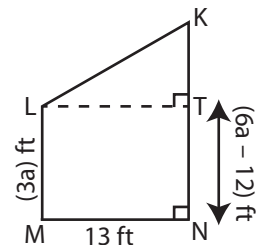
- 3) UVWX is a rectangle. Find the value of r.



$r = \underline{10}$

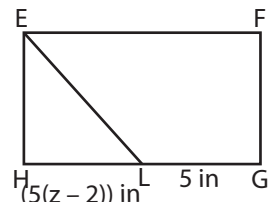
- 4) KLMN is a right trapezoid. Find the value of a.

Find the value of KN. Find the



$a = \underline{4}$

- 5) EFGH is a rectangle. A line drawn from the vertex E bisects the side HG at L. If $LG = 5$ in, find the value of z.



$z = \underline{3}$

PREVIEW

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