

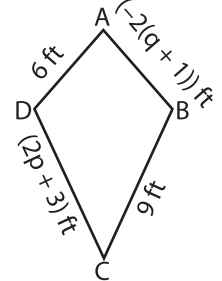
Name : _____

Two-Step Equations: Shapes

Type 2: S1

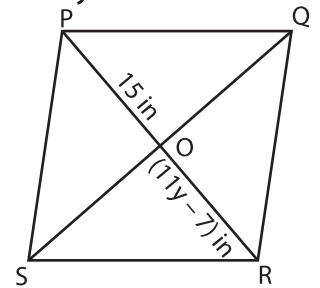
Solve each problem.

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



$p = \underline{\hspace{2cm}}$; $q = \underline{\hspace{2cm}}$

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



$y = \underline{\hspace{2cm}}$

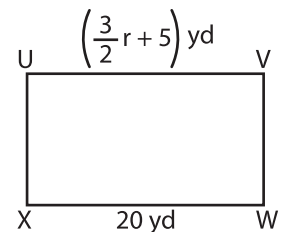
- 3) UVWX is a rectangle.

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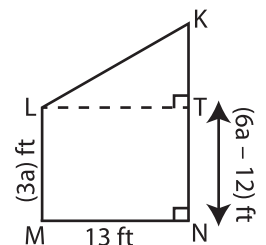
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$r = \underline{\hspace{2cm}}$

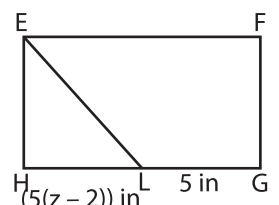
- 4) KLMN is a right trapezoid. Find the value of a.

Find the value of KN. Find the



$a = \underline{\hspace{2cm}}$

- 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.



$z = \underline{\hspace{2cm}}$