

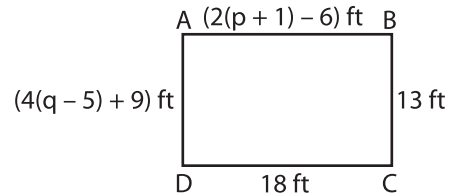
Name : _____

Multi-Step Equations: Shapes

Type 3: S1

Solve each problem.

- 1) The length and breadth of a rectangle ABCD are 18 ft and 13 ft respectively. Find the value of p and q.



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

- 2) WXYZ is a kite where

PREVIEW

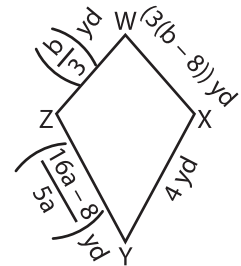
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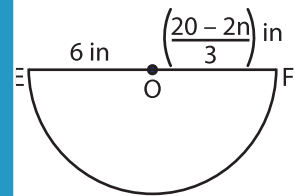
where



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

- 3) O is the the centre of the circle. Find the value of n.

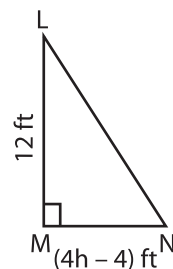
radius EO is 6 in, find



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

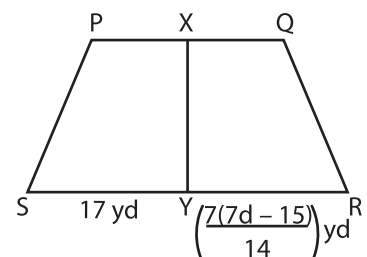
- 4) LMN is a right angled triangle. Find the value of h.

LN = 12 ft. Find the



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

- 5) In the trapezoid PQRS, X and Y are the midpoints of PQ and RS respectively. If SY = 17 yd, find the value of d.



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