Name : _____
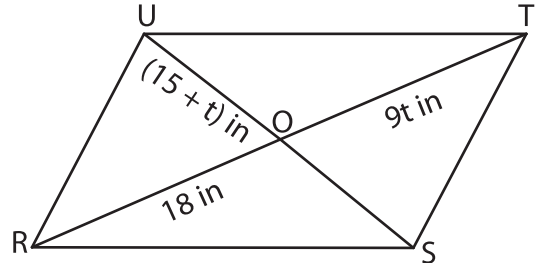
One-Step Equations: Shapes

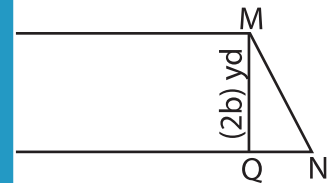Solve each problem.

1) RSTU is a parallelogram where the diagonals bisect each other with O as the center. Given that OR = 18 in, OT = (9t) in and OU = (15 + t) in. Find the value of t and determine the length of OS.

t = _____   OS = _____

2) LMNO is a trapezium where the heights LP and MQ are equal. If LP = 14 yd, find the value of b.

b = _____

3) ABC is a triangle. E_____ = 19 ft, find x.

x = _____
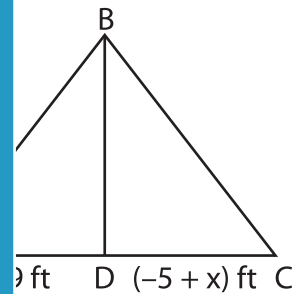
4) KLMN is a rectang_____ u and z.

u = _____   z = _____

(u + 10) yd

18 yd

25 yd
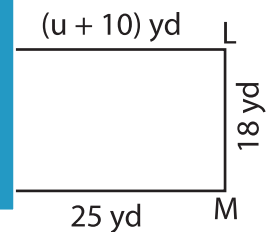
5) CDEF is a rhombus. If EF = 50 ft, find the value of n.

n = _____