Name : _____
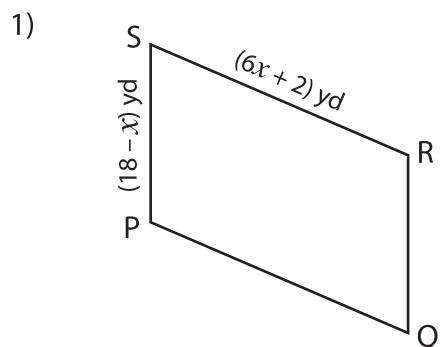
Perimeter of a Parallelogram

Find the indicated side lengths of each parallelogram from the given perimeter.
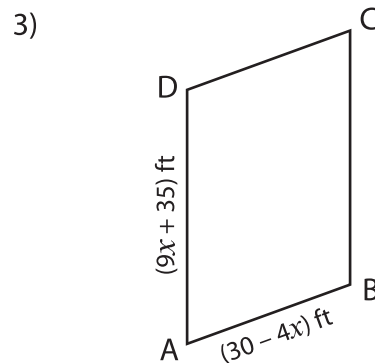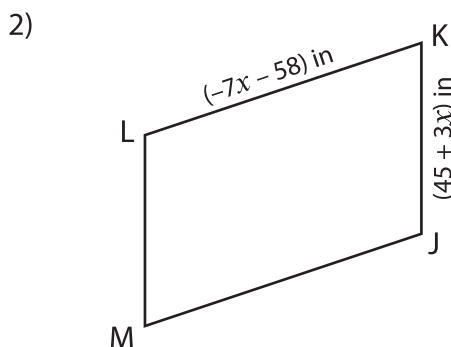
1)

S $(6x + 2)$ yd
$(18 - x)$ yd
P R
Q

Perimeter = 80 yd

$x =$ _____

PQ = _____

SP = _____

2)

K
$(-7x - 58)$ in
L $(45 + 3x)$ in
J
M

3)

C
D
$(9x + 35)$ ft
B
A $(30 - 4x)$ ft

Perimeter = 180 ft

$x =$ _____

AB = _____

DA = _____

4)

U
V
T
$(3x)$ in
W
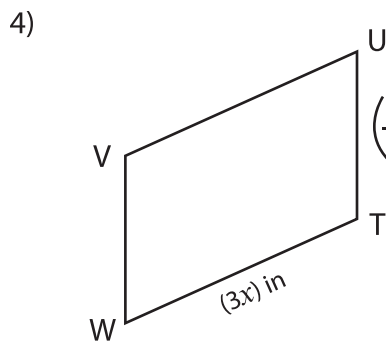
Perimeter = 34 in

$x =$ _____
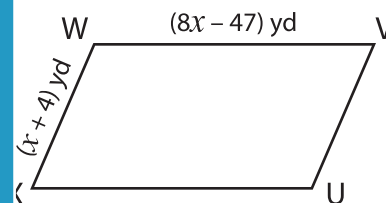
WT = _____

TU = _____

PREVIEW

Gain complete access to the largest collection of worksheets in all subjects!

Members, please log in to download this worksheet.

Not a member? Please sign up to gain complete access.

DE = _____

GD = _____

W $(8x - 47)$ yd V
$(x + 4)$ yd
U

Perimeter = 76 yd

$x =$ _____

XU = _____

UV = _____

7) The adjacent sides of a parallelogram measure $(3x - 5)$ feet and $(2x + 39)$ feet. If its perimeter is 148 feet, find the value of x and the lengths of the adjacent sides.

_____