Perimeter of a Quadrilateral
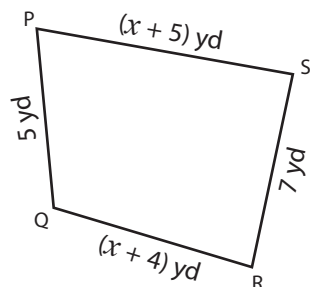
Find the value of x. Figure out the length of each unknown side.
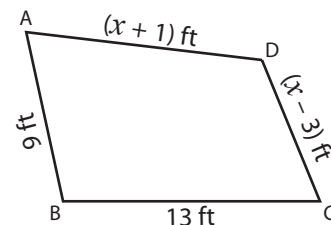
1)
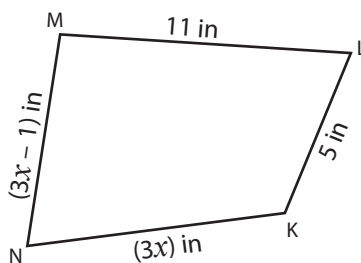
P — $(x + 5)$ yd — S

5 yd

7 yd

Q — $(x + 4)$ yd — R

2)

M — 11 in — L

$(3x - 1)$ in

5 in

N — $(3x)$ in — K

3)

A — $(x + 1)$ ft — D

9 ft

$(x - 3)$ ft

B — 13 ft — C

4)

W

(x) yd

X

7)

8 yd

D

A

$(x + 1)$ yd

3 yd

B — $(5x)$ yd — C
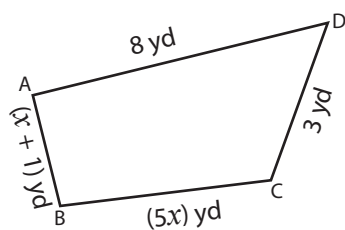
Perimeter = 18 yd; $x = $ _____;

AB = _____; BC = _____

8)

P

9 in

$(x + 5)$ in

S

Q — 12 in — R

$(x - 4)$ in
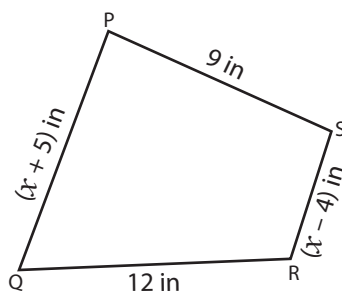
Perimeter = 38 in; $x = $ _____;

PQ = _____; RS = _____

9)

H — 10 ft — G

6 ft

$(4x)$ ft

E — $(4x - 5)$ ft — F

Perimeter = 27 ft; $x = $ _____;

FG = _____; EF = _____