

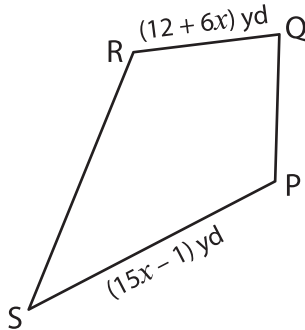
Name : _____

Perimeter of a Kite

Sheet 3

Solve for x and find the indicated side lengths of each kite.

1)



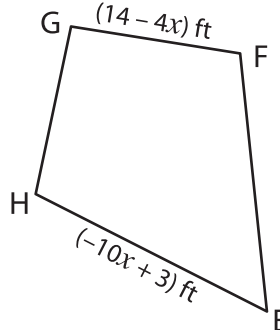
Perimeter = 232 yd

$x =$ _____

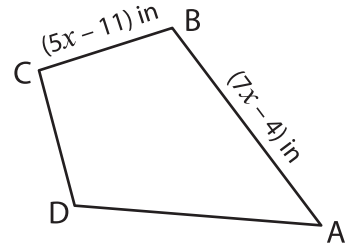
PS = _____

QR = _____

2)



3)



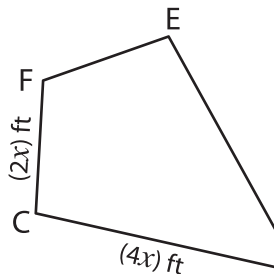
Perimeter = 186 in

$x =$ _____

AB = _____

BC = _____

4)



Perimeter = 72 ft

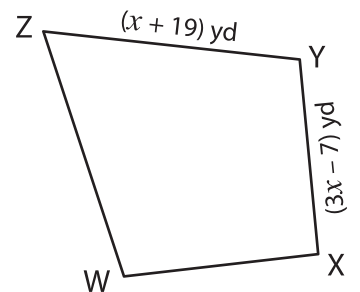
$x =$ _____

FC = _____

CD = _____

LM = _____

KL = _____



Perimeter = 104 yd

$x =$ _____

YZ = _____

XY = _____

PREVIEW

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- 7) The side lengths of a kite are $(4x + 1)$ inches and $(7x - 2)$ inches. If the perimeter is 42 inches, what is the value of x and the side lengths of the kite?
