

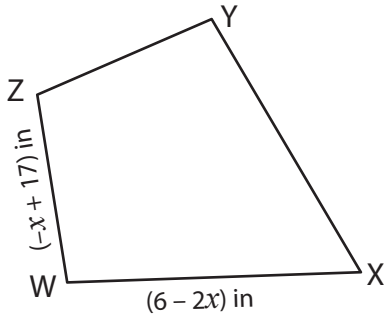
Name : _____

Perimeter of a Kite

Sheet 2

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

1)



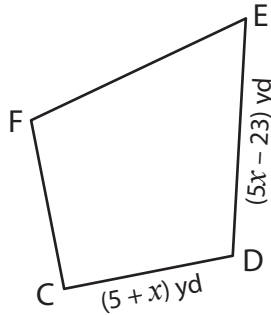
Perimeter = 154 in

$x =$ _____

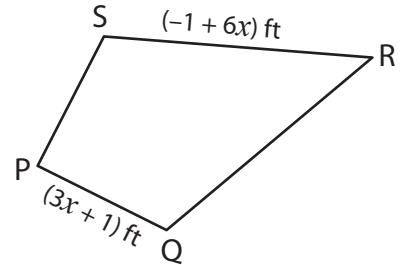
WX = _____

WZ = _____

2)



3)



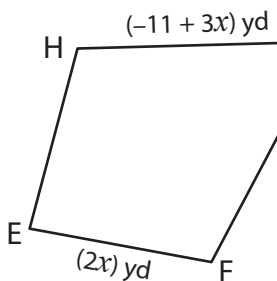
Perimeter = 90 ft

$x =$ _____

RS = _____

PQ = _____

4)



Perimeter = 138 yd

$x =$ _____

EF = _____

GH = _____

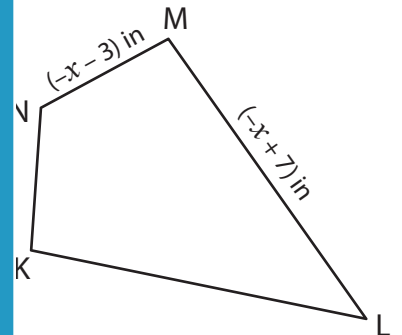
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Perimeter = 52 in

$x =$ _____

LM = _____

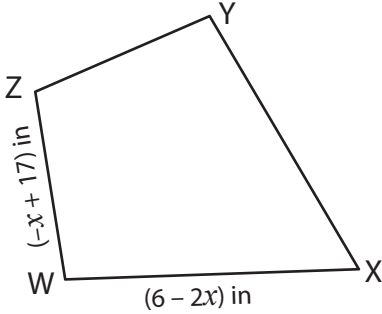
MN = _____

7) The perimeter of a kite is 206 feet. The sides of the kite measure $(9x - 16)$ feet and $(8x)$ feet. Find the value of x and then calculate the side lengths.

Perimeter of a Kite

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

1)



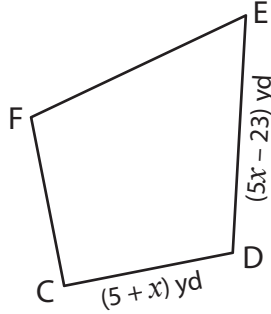
Perimeter = 154 in

$x =$ -18

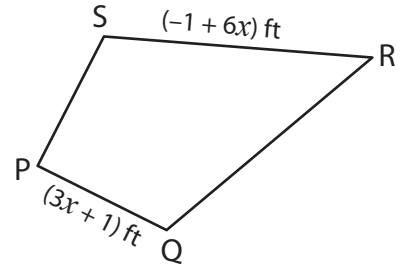
WX = 42 in

WZ = 35 in

2)



3)



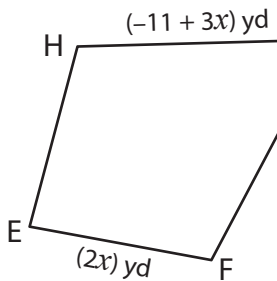
Perimeter = 90 ft

$x =$ 5

RS = 29 ft

PQ = 16 ft

4)

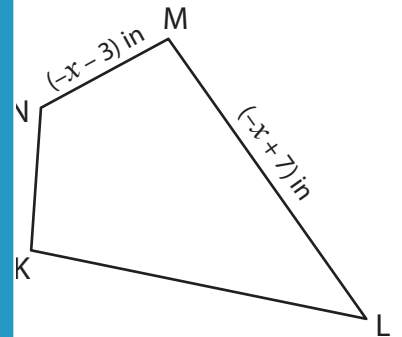


Perimeter = 138 yd

$x =$ 16

EF = 32 yd

GH = 37 yd



Perimeter = 52 in

$x =$ -11

LM = 18 in

MN = 8 in

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7) The perimeter of a kite is 206 feet. The sides of the kite measure $(9x - 16)$ feet and $(8x)$ feet. Find the value of x and then calculate the side lengths.

$x = 7, 47$ feet and 56 feet