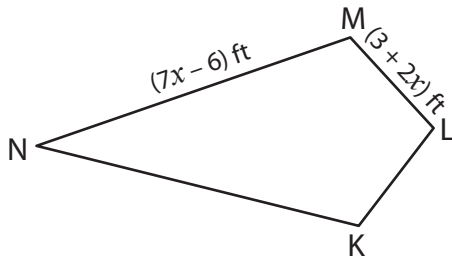


Name : _____

Perimeter of a Kite

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

1)



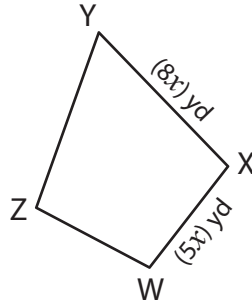
Perimeter = 174 ft

$x =$ _____

NM = _____

LM = _____

2)



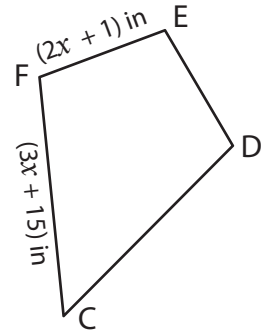
Perimeter = 72 in

$x =$ _____

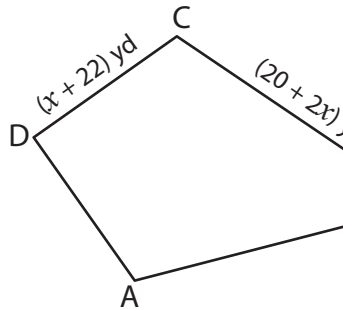
FC = _____

EF = _____

3)



4)



Perimeter = 216 yd

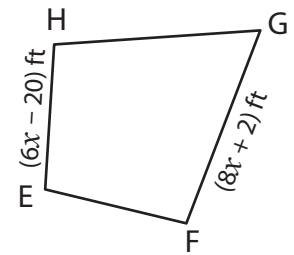
$x =$ _____

BC = _____

CD = _____

PS = _____

RQ = _____



Perimeter = 160 ft

$x =$ _____

FG = _____

EH = _____

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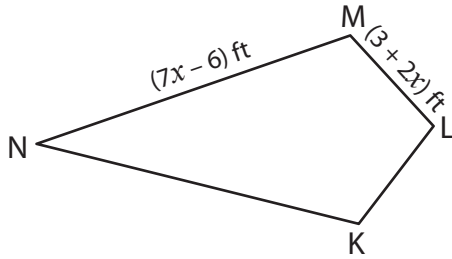
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7) The perimeter of a kite is 84 yards. The sides of the kite measure $(5x - 1)$ yards and $(4x - 2)$ yards. Find the value of x and then calculate the side lengths.

Perimeter of a Kite

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

1)



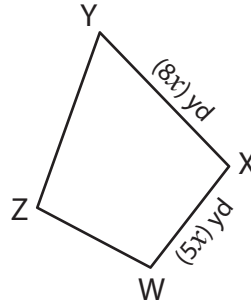
Perimeter = 174 ft

$x = \underline{\quad 10 \quad}$

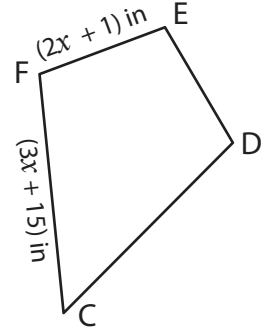
NM = 64 ft

LM = 23 ft

2)



3)



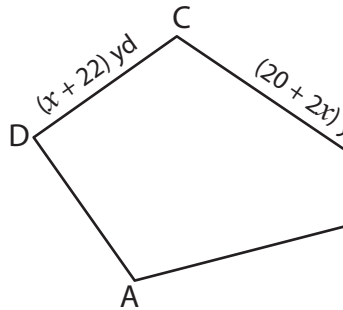
Perimeter = 72 in

$x = \underline{\quad 4 \quad}$

FC = 27 in

EF = 9 in

4)



Perimeter = 216 yd

$x = \underline{\quad 22 \quad}$

BC = 64 yd

CD = 44 yd

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Perimeter = 160 ft

$x = \underline{\quad 7 \quad}$

FG = 58 ft

EH = 22 ft

7) The perimeter of a kite is 84 yards. The sides of the kite measure $(5x - 1)$ yards and $(4x - 2)$ yards. Find the value of x and then calculate the side lengths.

$x = 5, 24$ yards and 18 yards