

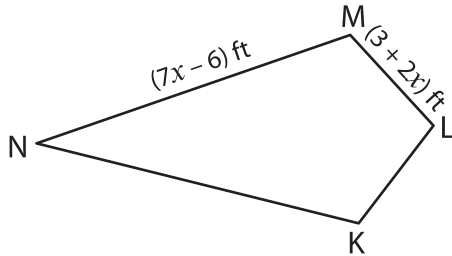
Name : \_\_\_\_\_

## Perimeter of a Kite

Sheet 4

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

1)



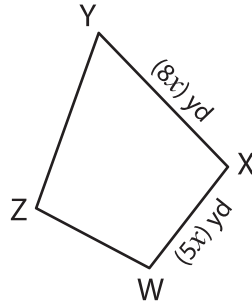
Perimeter = 174 ft

$x =$  \_\_\_\_\_

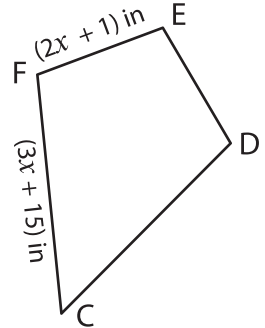
NM = \_\_\_\_\_

LM = \_\_\_\_\_

2)



3)



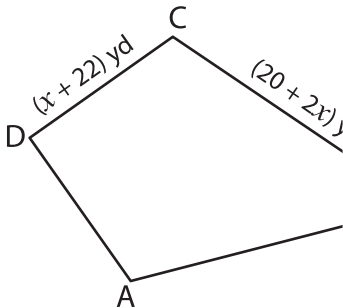
Perimeter = 72 in

$x =$  \_\_\_\_\_

FC = \_\_\_\_\_

EF = \_\_\_\_\_

4)



Perimeter = 216 yd

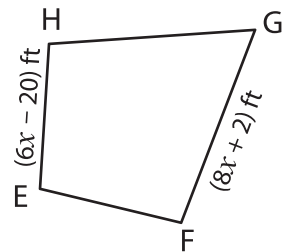
$x =$  \_\_\_\_\_

BC = \_\_\_\_\_

CD = \_\_\_\_\_

PS = \_\_\_\_\_

RQ = \_\_\_\_\_



Perimeter = 160 ft

$x =$  \_\_\_\_\_

FG = \_\_\_\_\_

EH = \_\_\_\_\_

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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.

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