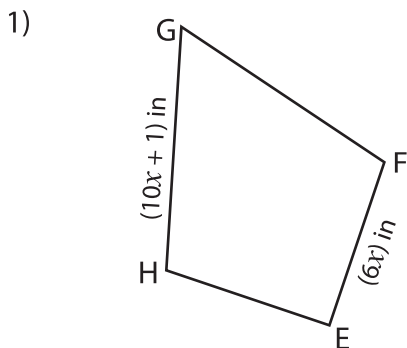


## Perimeter of a Kite

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

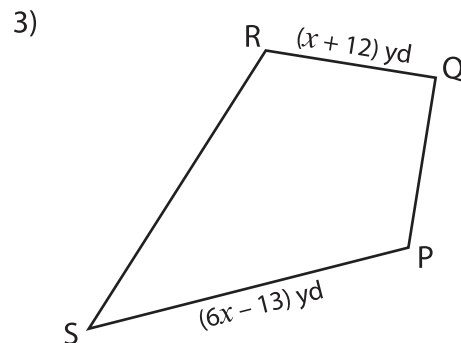
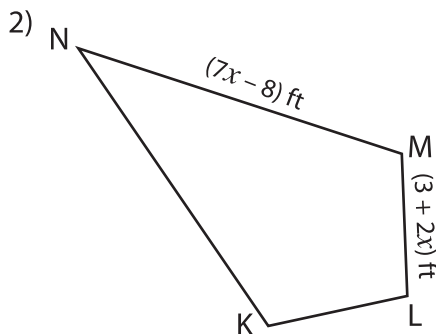


Perimeter = 226 in

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

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

GH = \_\_\_\_\_

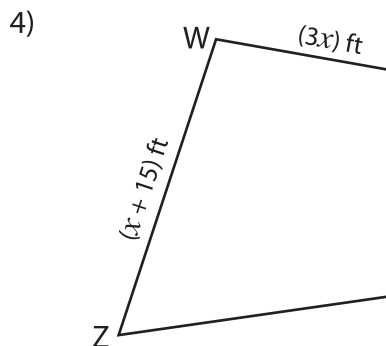


Perimeter = 152 yd

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

QR = \_\_\_\_\_

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



Perimeter = 78 ft

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

WZ = \_\_\_\_\_

XW = \_\_\_\_\_

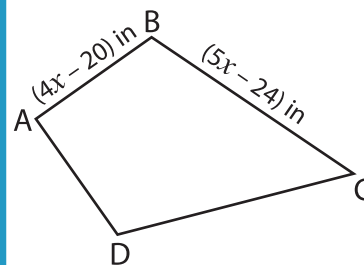
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Perimeter = 182 in

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

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

AB = \_\_\_\_\_

7) The side lengths of a kite are  $(6x - 8)$  feet and  $(x)$  feet. If the perimeter is 124 feet, determine the value of  $x$  and the side lengths of the kite?

\_\_\_\_\_