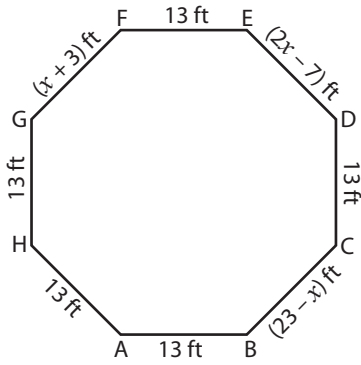


## Polygon - Unknown Sides

Find the value of  $x$  and the indicated side lengths.

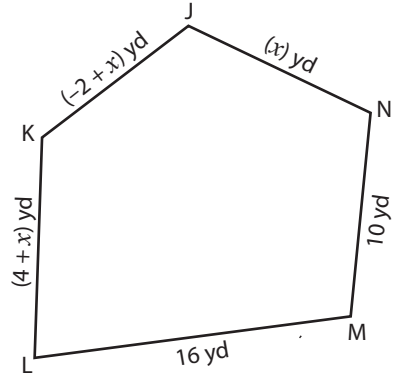
1)



Perimeter = 104 ft ;  $x =$  \_\_\_\_\_

BC = \_\_\_\_\_ ; DE = \_\_\_\_\_

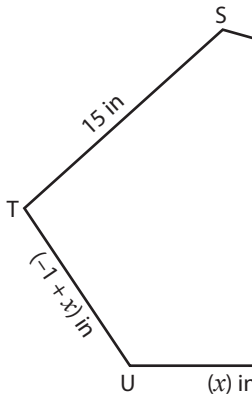
2)



Perimeter = 52 yd ;  $x =$  \_\_\_\_\_

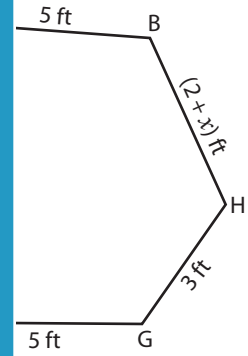
\_\_\_\_\_ ; JN = \_\_\_\_\_

3)



Perimeter = 65 in

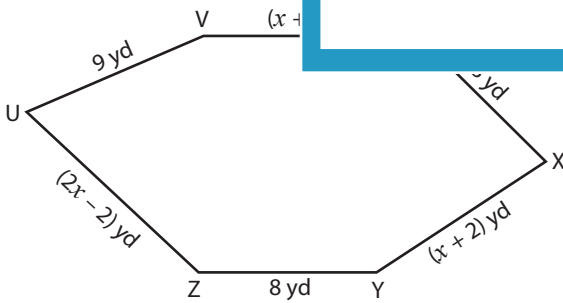
TU = \_\_\_\_\_ ; UP = \_\_\_\_\_



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

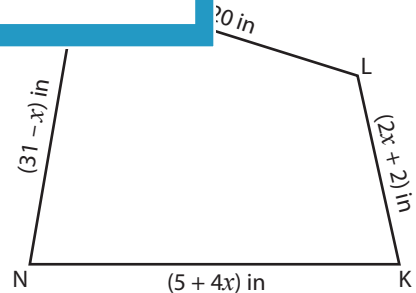
\_\_\_\_\_ ; HB = \_\_\_\_\_

5)



Perimeter = 56 yd ;  $x =$  \_\_\_\_\_

UZ = \_\_\_\_\_ ; YX = \_\_\_\_\_ ; WV = \_\_\_\_\_



Perimeter = 88 in ;  $x =$  \_\_\_\_\_

NK = \_\_\_\_\_ ; KL = \_\_\_\_\_ ; MN = \_\_\_\_\_

# PREVIEW

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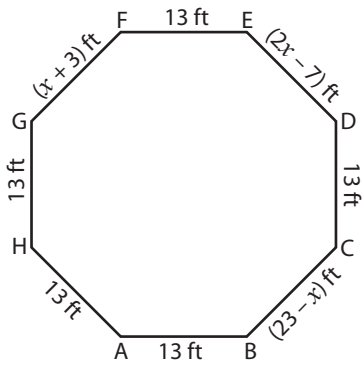
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**Polygon - Unknown Sides**

Find the value of  $x$  and the indicated side lengths.

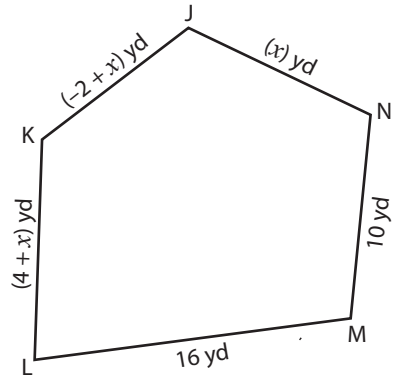
1)



Perimeter = 104 ft ;  $x = \mathbf{10}$

BC =  $\mathbf{13\ ft}$  ; DE =  $\mathbf{13\ ft}$

2)



Perimeter = 52 yd ;  $x = \mathbf{8}$

JK =  $\mathbf{6\ yd}$  ; JN =  $\mathbf{8\ yd}$

**PREVIEW**

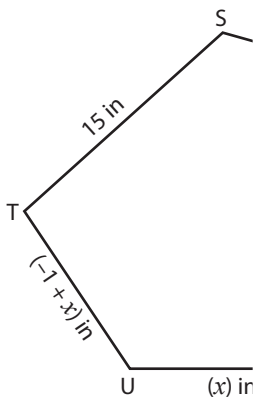
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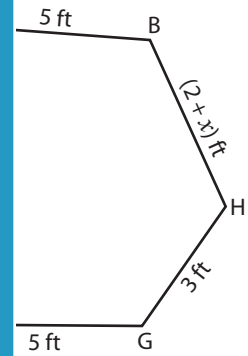
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3)



Perimeter = 65 in

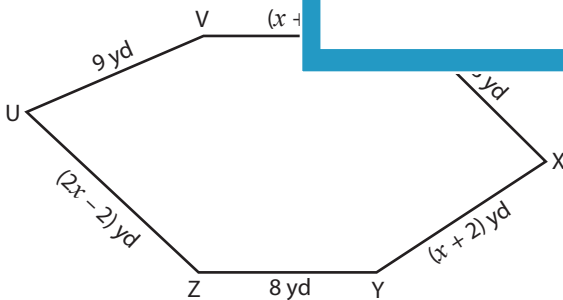
TU =  $\mathbf{10\ in}$  ; UP =  $\mathbf{15\ in}$



Perimeter = 25 ft ;  $x = \mathbf{4}$

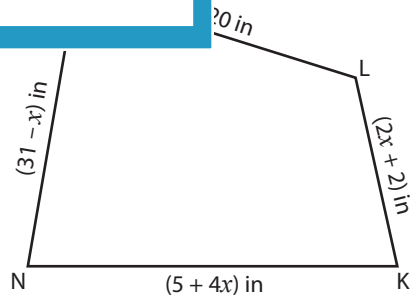
GH =  $\mathbf{3\ ft}$  ; HB =  $\mathbf{6\ ft}$

5)



Perimeter = 56 yd ;  $x = \mathbf{7}$

UZ =  $\mathbf{12\ yd}$  ; YX =  $\mathbf{9\ yd}$  ; WV =  $\mathbf{10\ yd}$



Perimeter = 88 in ;  $x = \mathbf{6}$

NK =  $\mathbf{29\ in}$  ; KL =  $\mathbf{14\ in}$  ; MN =  $\mathbf{25\ in}$