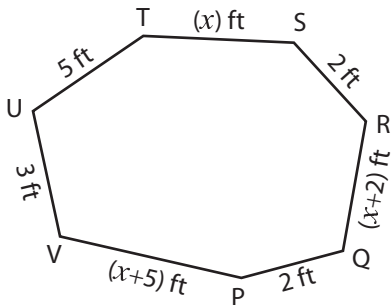


Polygons | Finding the Unknown Sides

Find the value of x , and the length of the unknown sides.

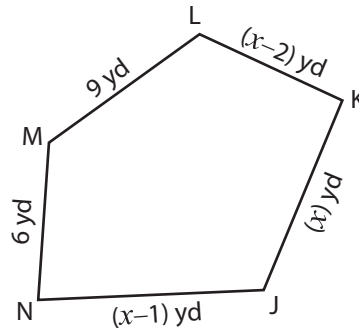
1)



Perimeter = 46 ft; $x = \underline{\hspace{2cm}}$;

QR = $\underline{\hspace{2cm}}$; ST = $\underline{\hspace{2cm}}$; PV = $\underline{\hspace{2cm}}$

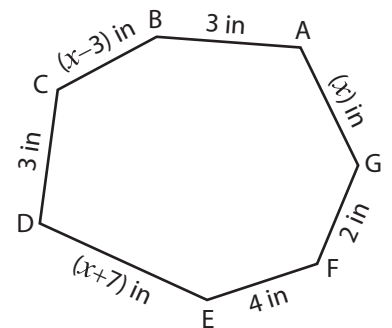
2)



Perimeter = 45 yd; $x = \underline{\hspace{2cm}}$;

JK = $\underline{\hspace{2cm}}$; KL = $\underline{\hspace{2cm}}$; NJ = $\underline{\hspace{2cm}}$

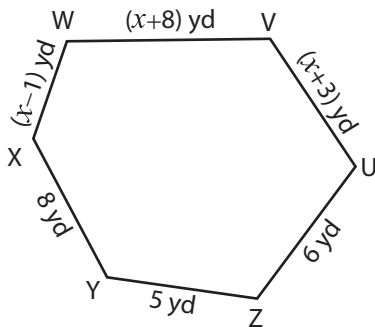
3)



Perimeter = 31 in; $x = \underline{\hspace{2cm}}$;

BC = $\underline{\hspace{2cm}}$; DE = $\underline{\hspace{2cm}}$; AG = $\underline{\hspace{2cm}}$

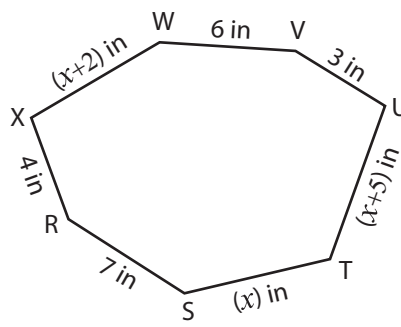
4)



Perimeter = 41 yd; $x = \underline{\hspace{2cm}}$;

UV = $\underline{\hspace{2cm}}$; VW = $\underline{\hspace{2cm}}$; WX = $\underline{\hspace{2cm}}$

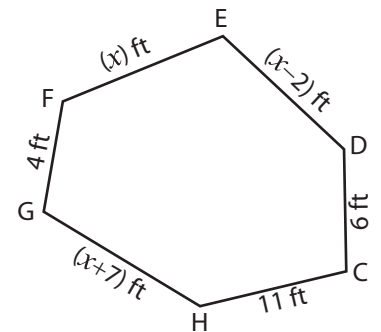
5)



Perimeter = 51 in; $x = \underline{\hspace{2cm}}$;

ST = $\underline{\hspace{2cm}}$; TU = $\underline{\hspace{2cm}}$; WX = $\underline{\hspace{2cm}}$

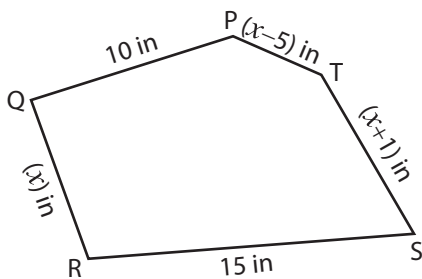
6)



Perimeter = 62 ft; $x = \underline{\hspace{2cm}}$;

DE = $\underline{\hspace{2cm}}$; EF = $\underline{\hspace{2cm}}$; GH = $\underline{\hspace{2cm}}$

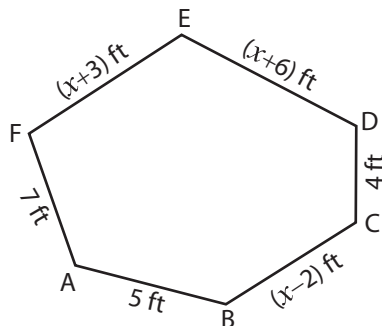
7)



Perimeter = 39 in; $x = \underline{\hspace{2cm}}$;

QR = $\underline{\hspace{2cm}}$; ST = $\underline{\hspace{2cm}}$; TP = $\underline{\hspace{2cm}}$

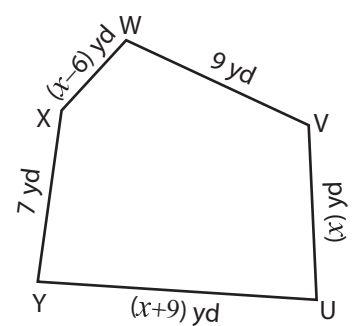
8)



Perimeter = 53 ft; $x = \underline{\hspace{2cm}}$;

BC = $\underline{\hspace{2cm}}$; DE = $\underline{\hspace{2cm}}$; EF = $\underline{\hspace{2cm}}$

9)



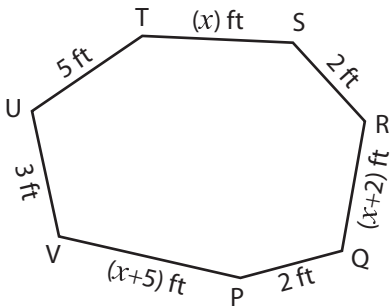
Perimeter = 40 yd; $x = \underline{\hspace{2cm}}$;

UV = $\underline{\hspace{2cm}}$; WX = $\underline{\hspace{2cm}}$; UY = $\underline{\hspace{2cm}}$

Polygons | Finding the Unknown Sides Answer Key

Find the value of x , and the length of the unknown sides.

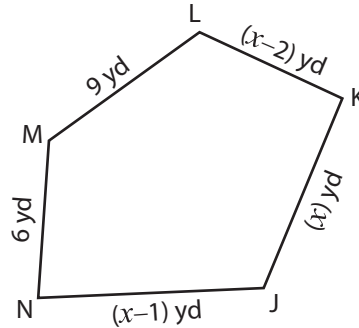
1)



Perimeter = 46 ft; $x = \underline{9}$;

QR = 11 ft ; ST = 9 ft ; PV = 14 ft

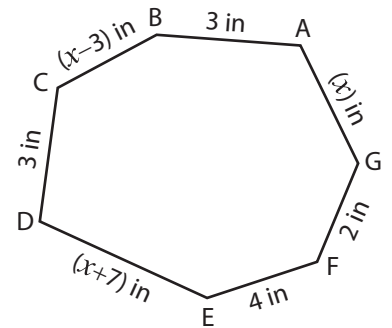
2)



Perimeter = 45 yd; $x = \underline{11}$;

JK = 11 yd ; KL = 9 yd ; NJ = 10 yd

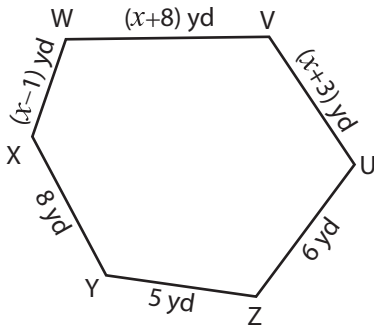
3)



Perimeter = 31 in; $x = \underline{5}$;

BC = 2 in ; DE = 12 in ; AG = 5 in

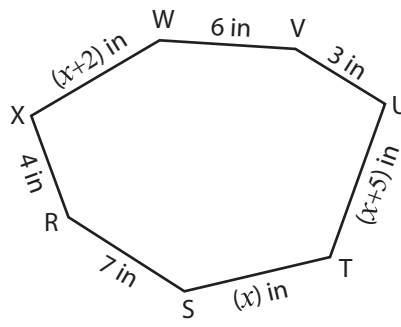
4)



Perimeter = 41 yd; $x = \underline{4}$;

UV = 7 yd ; VW = 12 yd ; WX = 3 yd

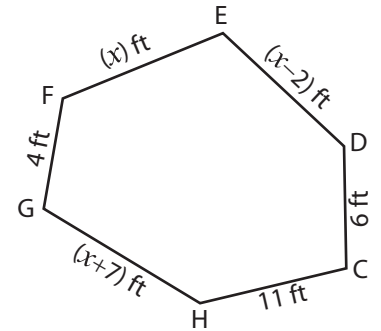
5)



Perimeter = 51 in; $x = \underline{8}$;

ST = 8 in ; TU = 13 in ; WX = 10 in

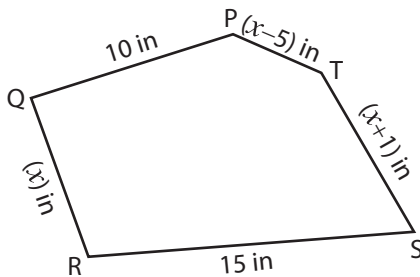
6)



Perimeter = 62 ft; $x = \underline{12}$;

DE = 10 ft ; EF = 12 ft ; GH = 19 ft

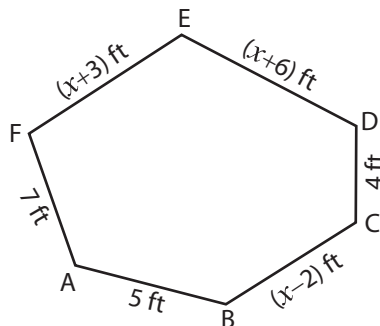
7)



Perimeter = 39 in; $x = \underline{6}$;

QR = 6 in ; ST = 7 in ; TP = 1 in

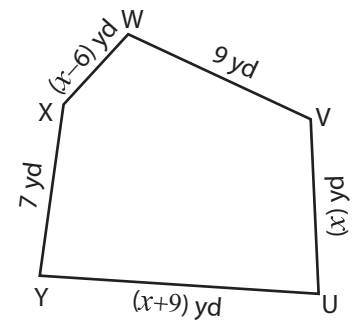
8)



Perimeter = 53 ft; $x = \underline{10}$;

BC = 8 ft ; DE = 16 ft ; EF = 13 ft

9)



Perimeter = 40 yd; $x = \underline{7}$;

UV = 7 yd ; WX = 1 yd ; UY = 16 yd