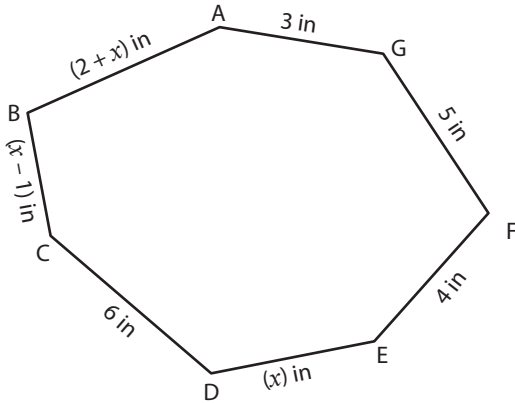


## Polygon - Unknown Sides

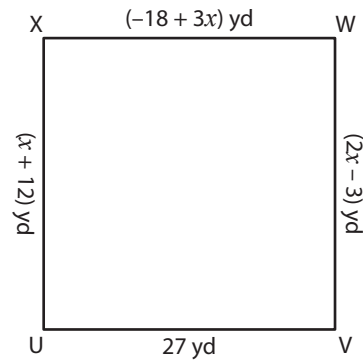
Find the value of  $x$  and the indicated side lengths.

1)



Perimeter = 28 in ;  $x =$  \_\_\_\_\_

2)

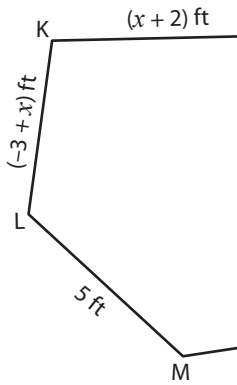


Perimeter = 108 yd ;  $x =$  \_\_\_\_\_

AB = \_\_\_\_\_ ; BC = \_\_\_\_\_

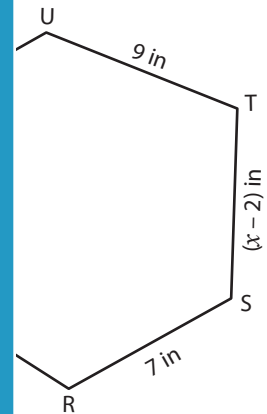
\_\_\_\_\_ ; UX = \_\_\_\_\_

3)



Perimeter = 33 ft ;

JK = \_\_\_\_\_ ; KL = \_\_\_\_\_



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

\_\_\_\_\_ ; ST = \_\_\_\_\_

# PREVIEW

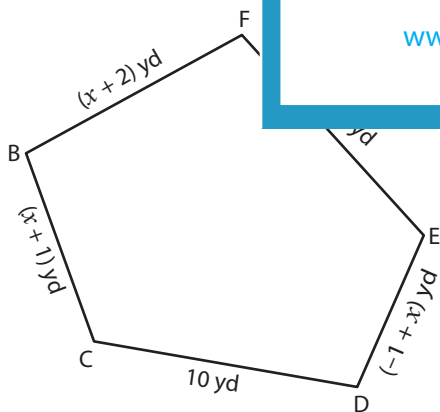
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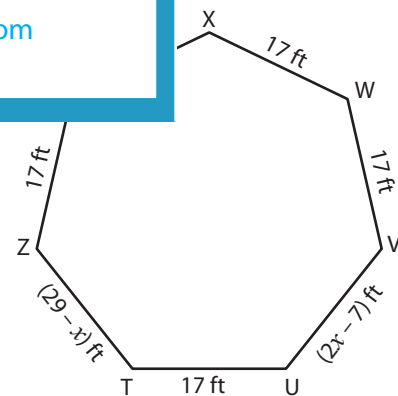
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5)



Perimeter = 44 yd ;  $x =$  \_\_\_\_\_

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



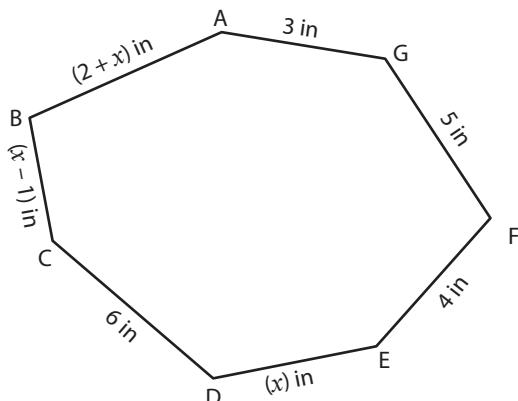
Perimeter = 119 ft ;  $x =$  \_\_\_\_\_

TZ = \_\_\_\_\_ ; UV = \_\_\_\_\_ ; XY = \_\_\_\_\_

**Polygon - Unknown Sides**

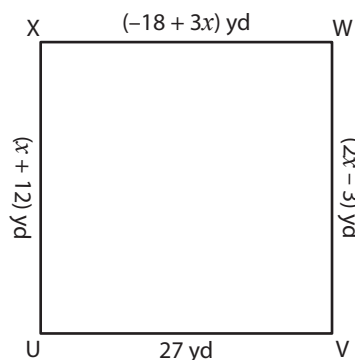
Find the value of  $x$  and the indicated side lengths.

1)



Perimeter = 28 in ;  $x = \underline{3}$

2)

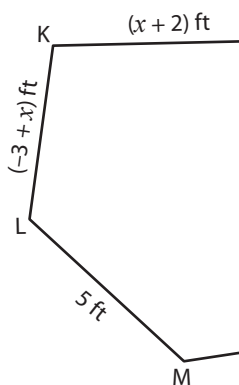


Perimeter = 108 yd ;  $x = \underline{15}$

AB = 5 in ; BC = 2 in

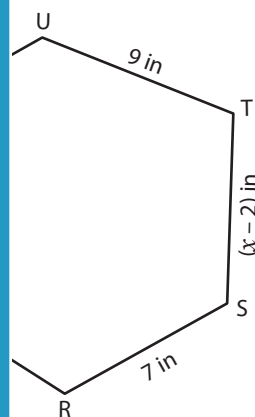
UV = 27 yd ; UX = 27 yd

3)



Perimeter = 33 ft ;

JK = 8 ft ; KL = 3 ft



Perimeter = 33 in ;  $x = \underline{10}$

RS = 11 in ; ST = 8 in

**PREVIEW**

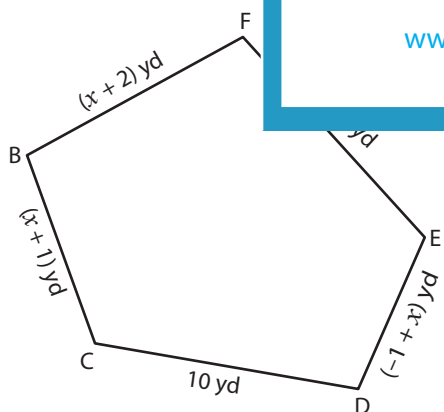
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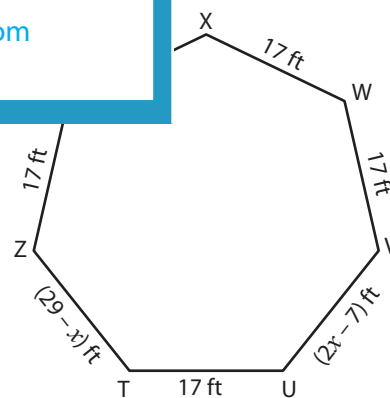
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5)



Perimeter = 44 yd ;  $x = \underline{7}$

BF = 9 yd ; BC = 8 yd ; DE = 6 yd



Perimeter = 119 ft ;  $x = \underline{12}$

TZ = 17 ft ; UV = 17 ft ; XY = 17 ft