

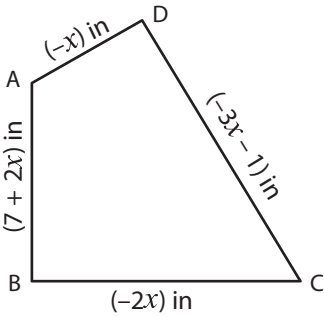
Name: \_\_\_\_\_

# Sides of a Quadrilateral

L2S1

Solve for  $x$  and find the indicated side lengths.

1)

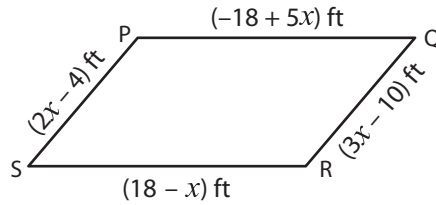


Perimeter = 14 in ;  $x =$  \_\_\_\_\_

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

CD = \_\_\_\_\_ ; AD = \_\_\_\_\_

2)

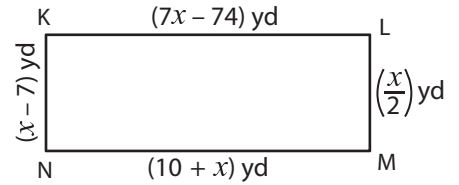


Perimeter = 40 ft ;  $x =$  \_\_\_\_\_

PQ = \_\_\_\_\_ ; QR = \_\_\_\_\_

RS = \_\_\_\_\_ ; PS = \_\_\_\_\_

3)

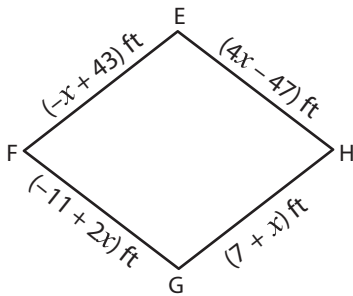


Perimeter = 62 yd ;  $x =$  \_\_\_\_\_

KL = \_\_\_\_\_ ; LM = \_\_\_\_\_

KN = \_\_\_\_\_ ; MN = \_\_\_\_\_

4)

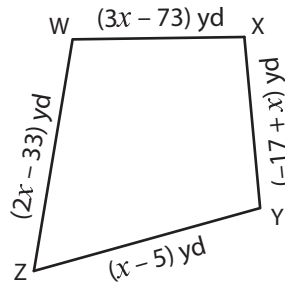


Perimeter = 100 ft ;  $x =$  \_\_\_\_\_

EF = \_\_\_\_\_ ; FG = \_\_\_\_\_

GH = \_\_\_\_\_ ; EH = \_\_\_\_\_

5)

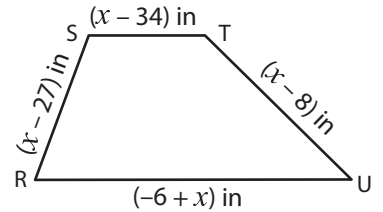


Perimeter = 68 yd ;  $x =$  \_\_\_\_\_

WX = \_\_\_\_\_ ; WZ = \_\_\_\_\_

YZ = \_\_\_\_\_ ; XY = \_\_\_\_\_

6)

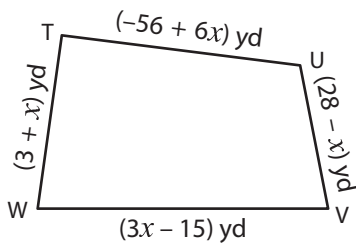


Perimeter = 129 in ;  $x =$  \_\_\_\_\_

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

RU = \_\_\_\_\_ ; RS = \_\_\_\_\_

7)

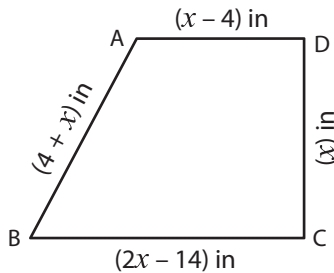


Perimeter = 77 yd ;  $x =$  \_\_\_\_\_

TU = \_\_\_\_\_ ; UV = \_\_\_\_\_

VW = \_\_\_\_\_ ; TW = \_\_\_\_\_

8)

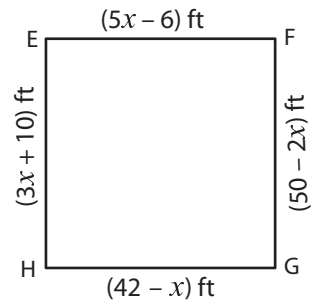


Perimeter = 111 in ;  $x =$  \_\_\_\_\_

AD = \_\_\_\_\_ ; CD = \_\_\_\_\_

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

9)



Perimeter = 136 ft ;  $x =$  \_\_\_\_\_

EF = \_\_\_\_\_ ; FG = \_\_\_\_\_

GH = \_\_\_\_\_ ; EH = \_\_\_\_\_

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

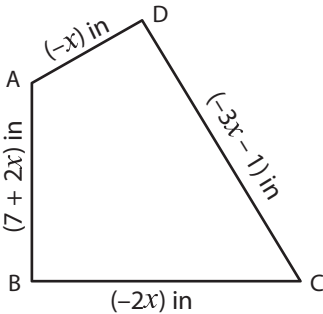
## Answer key

# Sides of a Quadrilateral

L2S1

Solve for  $x$  and find the indicated side lengths.

1)

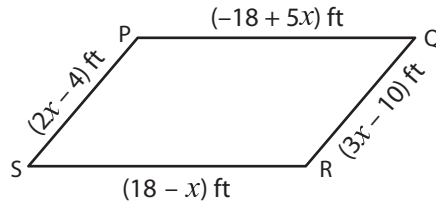


Perimeter = 14 in ;  $x = \underline{-2}$

AB = 3 in ; BC = 4 in

CD = 5 in ; AD = 2 in

2)

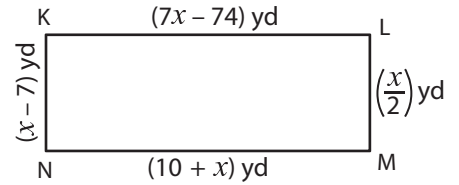


Perimeter = 40 ft ;  $x = \underline{6}$

PQ = 12 ft ; QR = 8 ft

RS = 12 ft ; PS = 8 ft

3)

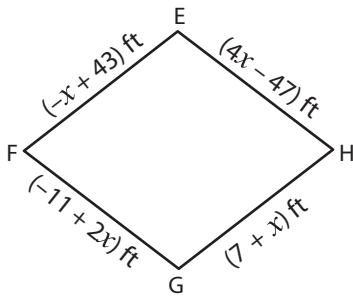


Perimeter = 62 yd ;  $x = \underline{14}$

KL = 24 yd ; LM = 7 yd

KN = 7 yd ; MN = 24 yd

4)

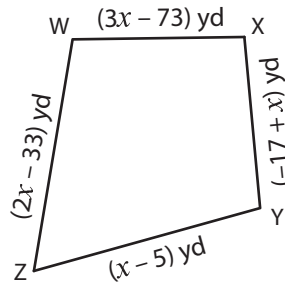


Perimeter = 100 ft ;  $x = \underline{18}$

EF = 25 ft ; FG = 25 ft

GH = 25 ft ; EH = 25 ft

5)

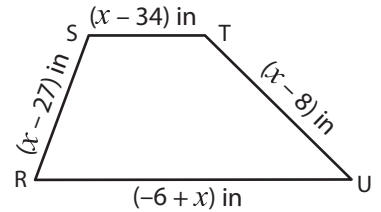


Perimeter = 68 yd ;  $x = \underline{28}$

WX = 11 yd ; WZ = 23 yd

YZ = 23 yd ; XY = 11 yd

6)

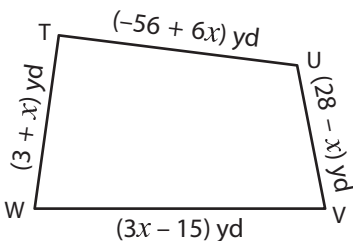


Perimeter = 129 in ;  $x = \underline{51}$

ST = 17 in ; TU = 43 in

RU = 45 in ; RS = 24 in

7)

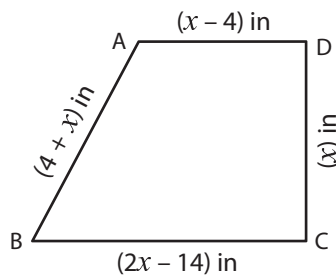


Perimeter = 77 yd ;  $x = \underline{13}$

TU = 22 yd ; UV = 15 yd

VW = 24 yd ; TW = 16 yd

8)

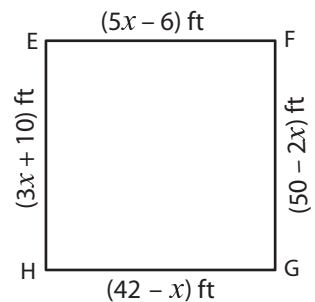


Perimeter = 111 in ;  $x = \underline{25}$

AD = 21 in ; CD = 25 in

BC = 36 in ; AB = 29 in

9)



Perimeter = 136 ft ;  $x = \underline{8}$

EF = 34 ft ; FG = 34 ft

GH = 34 ft ; EH = 34 ft