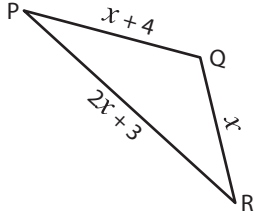


## Missing Sides

Find the value of  $x$  and compute the length of the sides for each triangle.

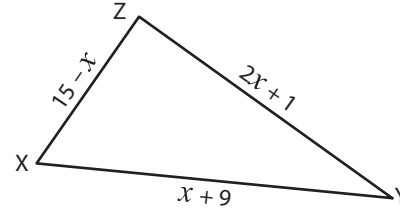
1)



Perimeter = 47 in ;  $x =$  \_\_\_\_\_ ;

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

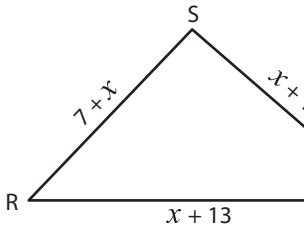
2)



Perimeter = 39 yd ;  $x =$  \_\_\_\_\_ ;

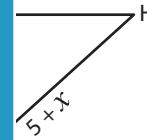
XY = \_\_\_\_\_ ; YZ = \_\_\_\_\_ ; XZ = \_\_\_\_\_

3)



Perimeter = 78 ft ;  $x =$  \_\_\_\_\_

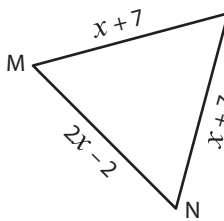
RT = \_\_\_\_\_ ; ST = \_\_\_\_\_



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

\_\_\_\_\_ ; FH = \_\_\_\_\_

5)



Perimeter = 48 yd ;  $x =$  \_\_\_\_\_

MN = \_\_\_\_\_ ; LN = \_\_\_\_\_



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

\_\_\_\_\_ ; DF = \_\_\_\_\_

# PREVIEW

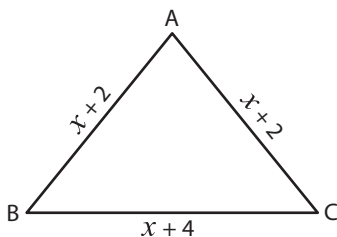
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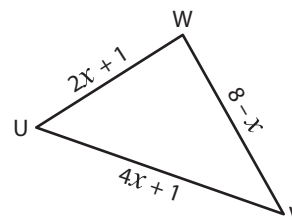
7)



Perimeter = 17 ft ;  $x =$  \_\_\_\_\_ ;

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

8)



Perimeter = 20 yd ;  $x =$  \_\_\_\_\_ ;

UV = \_\_\_\_\_ ; VW = \_\_\_\_\_ ; UW = \_\_\_\_\_

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

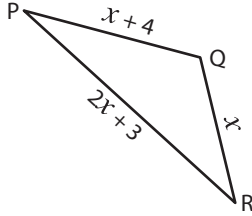
## Answer key

Sheet 5

### Missing Sides

Find the value of  $x$  and compute the length of the sides for each triangle.

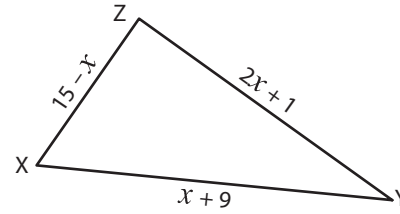
1)



Perimeter = 47 in ;  $x = \underline{10 \text{ in}}$  ;

PR = 23 in ; QR = 10 in ; PQ = 14 in

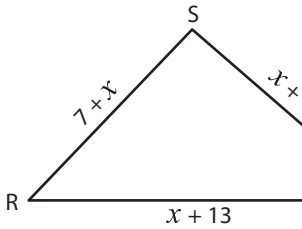
2)



Perimeter = 39 yd ;  $x = \underline{7 \text{ yd}}$  ;

XY = 16 yd ; YZ = 15 yd ; XZ = 8 yd

3)



Perimeter = 78 ft ;  $x = \underline{13}$

RT = 29 ft ; ST = 26 ft

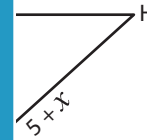
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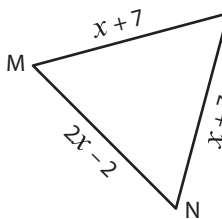
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= 13 in ;

18 in ; FH = 21 in

5)



Perimeter = 48 yd ;  $x = \underline{9}$

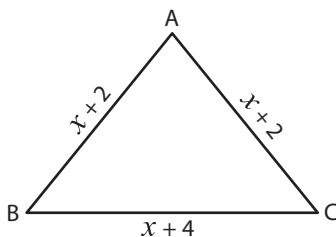
MN = 16 yd ; LN = 16 yd



= 15 ft ;

17 ft ; DF = 23 ft

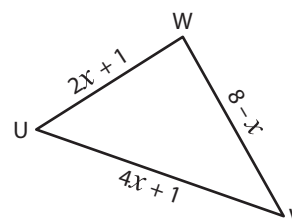
7)



Perimeter = 17 ft ;  $x = \underline{3 \text{ ft}}$  ;

BC = 7 ft ; AB = 5 ft ; AC = 5 ft

8)



Perimeter = 20 yd ;  $x = \underline{2 \text{ yd}}$  ;

UV = 9 yd ; VW = 6 yd ; UW = 5 yd