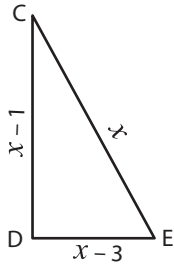


**Missing Sides**

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

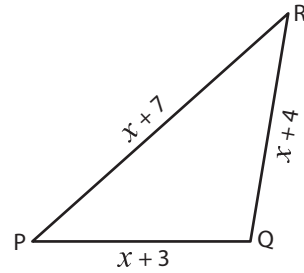
1)



Perimeter = 11 yd ;  $x =$  \_\_\_\_\_ ;

CD = \_\_\_\_\_ ; DE = \_\_\_\_\_ ; CE = \_\_\_\_\_

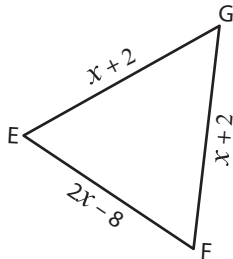
2)



Perimeter = 50 in ;  $x =$  \_\_\_\_\_ ;

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

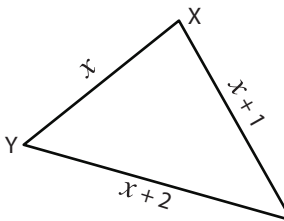
3)



Perimeter = 32 ft ;  $x =$  \_\_\_\_\_

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

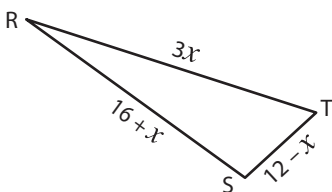
5)



Perimeter = 36 in ;  $x =$  \_\_\_\_\_

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

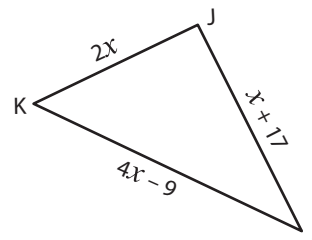
7)



Perimeter = 55 yd ;  $x =$  \_\_\_\_\_ ;

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

8)



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

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

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

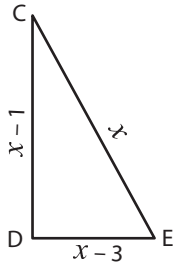
## Answer key

Sheet 4

### Missing Sides

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

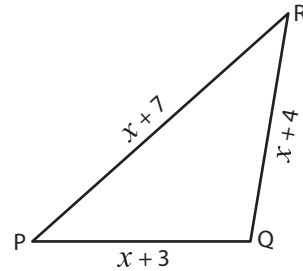
1)



Perimeter = 11 yd ;  $x =$  5 yd ;

CD = 4 yd ; DE = 2 yd ; CE = 5 yd

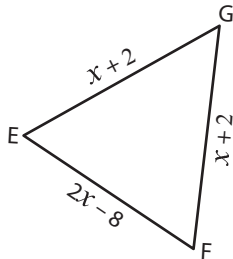
2)



Perimeter = 50 in ;  $x =$  12 in ;

PQ = 15 in ; QR = 16 in ; PR = 19 in

3)



Perimeter = 32 ft ;  $x =$  9

EF = 10 ft ; FG = 11

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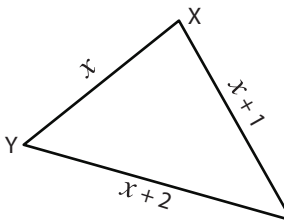
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= 14 yd ;

15 yd ; UV = 15 yd

5)



Perimeter = 36 in ;  $x =$  1

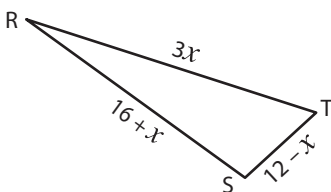
YZ = 13 in ; XZ = 12



= 8 ft ;

10 ft ; AC = 8 ft

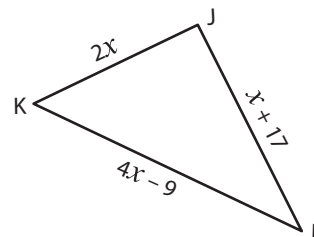
7)



Perimeter = 55 yd ;  $x =$  9 yd ;

RT = 27 yd ; RS = 25 yd ; ST = 3 yd

8)



Perimeter = 78 in ;  $x =$  10 in ;

JK = 20 in ; KL = 31 in ; JL = 27 in