

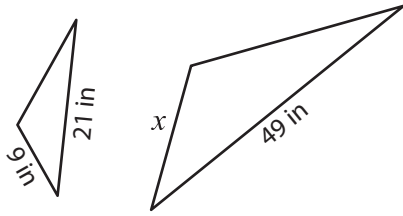
Name : _____

Similar Triangles - Missing Sides

T1S3

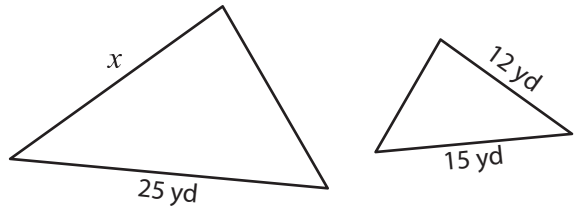
A) Find the value of x , if each pair of triangles is similar.

1)



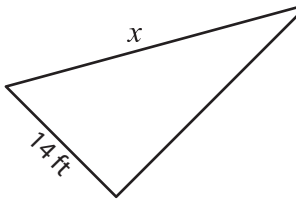
$x =$ _____

2)

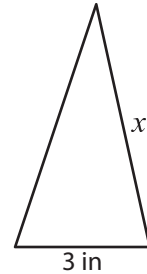


$x =$ _____

3)



$x =$ _____



3 in

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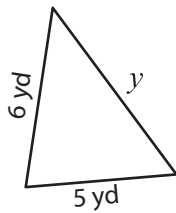
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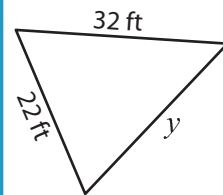
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B) Find the values of

5)



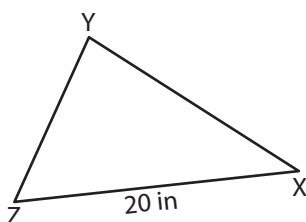
$x =$ _____ ;



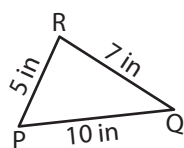
; $y =$ _____

C) Each pair of triangles is similar. Find the perimeter.

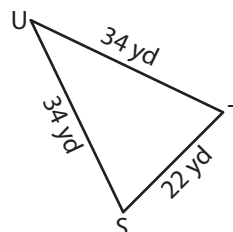
1)



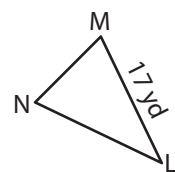
Perimeter of $\triangle XYZ =$ _____



2)



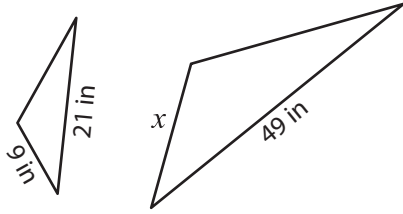
Perimeter of $\triangle LMN =$ _____



Similar Triangles - Missing Sides

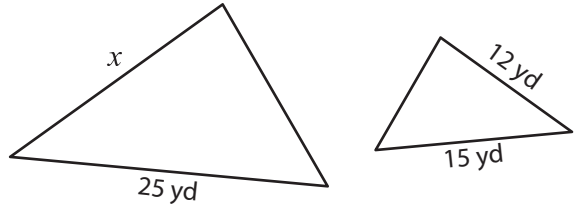
A) Find the value of x , if each pair of triangles is similar.

1)



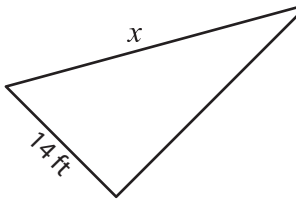
$x = \underline{21 \text{ in}}$

2)

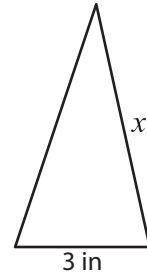


$x = \underline{20 \text{ yd}}$

3)



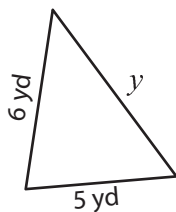
$x = \underline{49}$



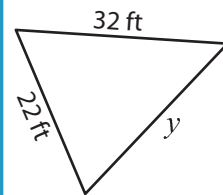
$\underline{9 \text{ in}}$

B) Find the values of

5)



$x = \underline{25 \text{ yd}}$;



; $y = \underline{26 \text{ ft}}$

PREVIEW

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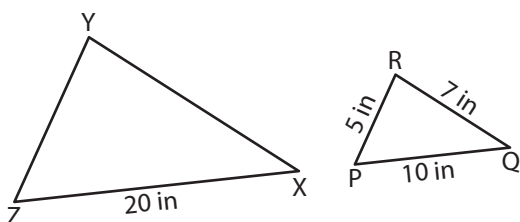
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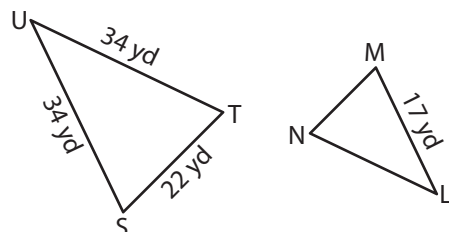
C) Each pair of triangles is similar. Find the perimeter.

1)



Perimeter of $\triangle XYZ = \underline{44 \text{ in}}$

2)



Perimeter of $\triangle LMN = \underline{45 \text{ yd}}$