

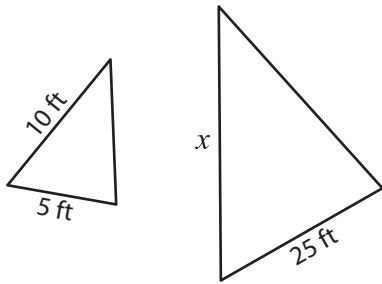
Name : _____

Similar Triangles - Missing Sides

T1S1

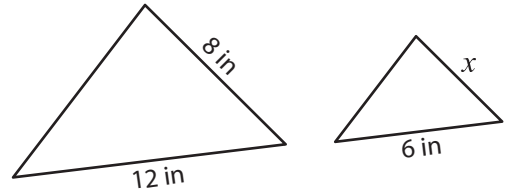
A) Find the value of x , if each pair of triangles is similar.

1)



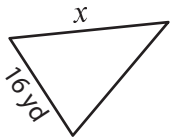
$x =$ _____

2)



$x =$ _____

3)



$x =$ _____

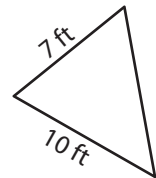
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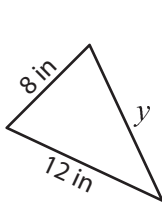
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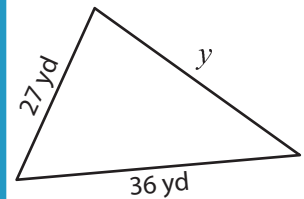


B) Find the values of

5)



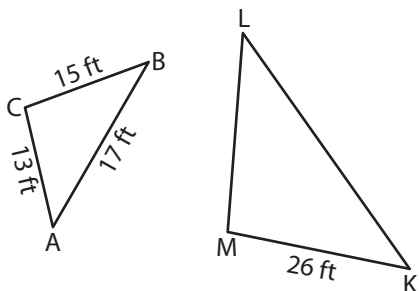
$x =$ _____ ;



; $y =$ _____

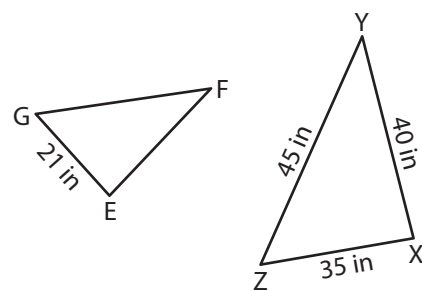
C) Each pair of triangles is similar. Find the perimeter.

1)



Perimeter of $\triangle KLM =$ _____

2)

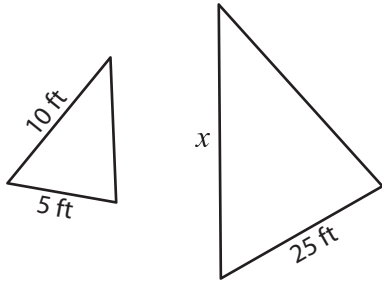


Perimeter of $\triangle EFG =$ _____

Similar Triangles - Missing Sides

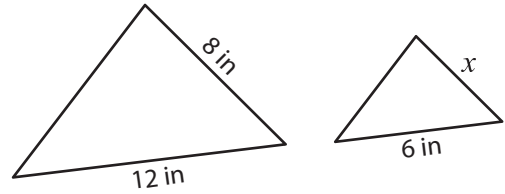
A) Find the value of x , if each pair of triangles is similar.

1)



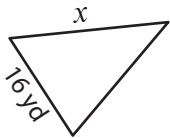
$x = \underline{\mathbf{50\ ft}}$

2)

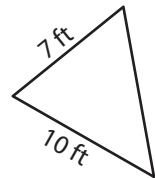


$x = \underline{\mathbf{4\ in}}$

3)



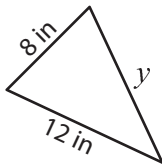
$x = \underline{\mathbf{28}}$



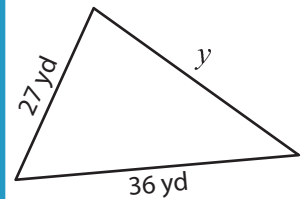
$\underline{\mathbf{30\ ft}}$

B) Find the values of

5)



$x = \underline{\mathbf{12\ in}}$;



; $y = \underline{\mathbf{33\ yd}}$

PREVIEW

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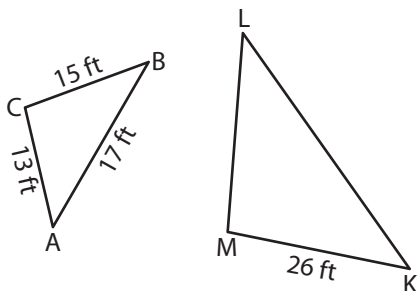
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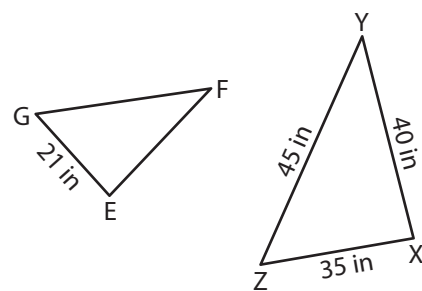
C) Each pair of triangles is similar. Find the perimeter.

1)



Perimeter of $\triangle KLM = \underline{\mathbf{90\ ft}}$

2)



Perimeter of $\triangle EFG = \underline{\mathbf{72\ in}}$