

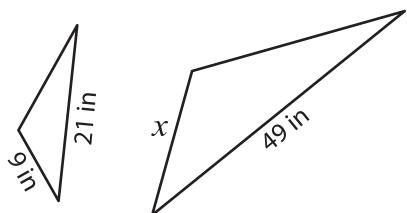
Name : _____

Similar Triangles - Missing Sides

T1S3

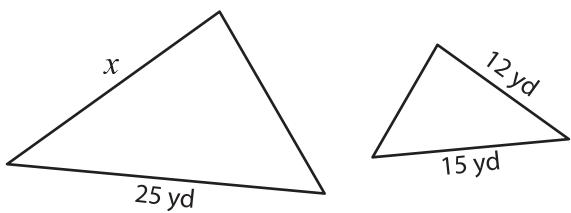
- A) Find the value of x , if each pair of triangles is similar.

1)



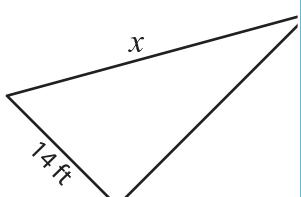
$$x = \underline{\hspace{2cm}}$$

2)



$$x = \underline{\hspace{2cm}}$$

3)



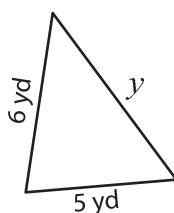
$$x = \underline{\hspace{2cm}}$$

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- B) Find the values of

5)

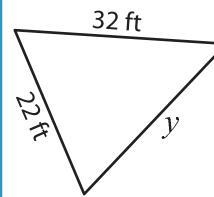
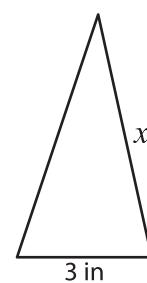


$$x = \underline{\hspace{2cm}} ; y = \underline{\hspace{2cm}}$$

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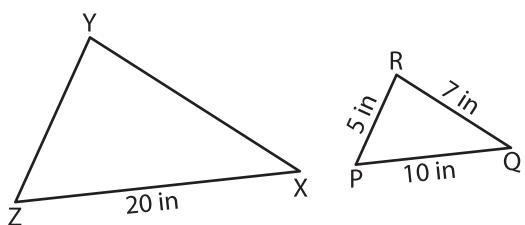
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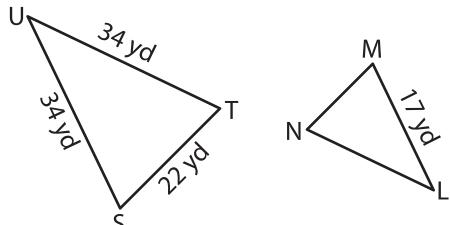
- C) Each pair of triangles is similar. Find the perimeter.

1)



$$\text{Perimeter of } \triangle XYZ = \underline{\hspace{2cm}}$$

2)



$$\text{Perimeter of } \triangle LMN = \underline{\hspace{2cm}}$$