

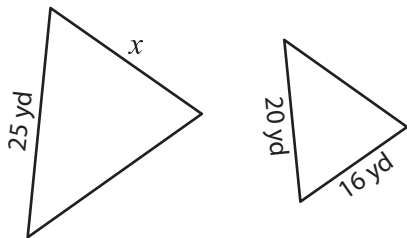
Name : \_\_\_\_\_

## Similar Triangles - Missing Sides

T1S2

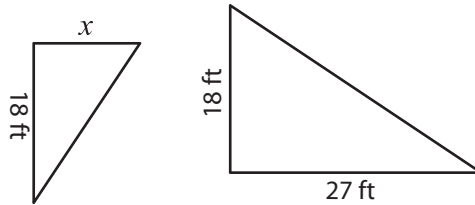
A) Find the value of  $x$ , if each pair of triangles is similar.

1)



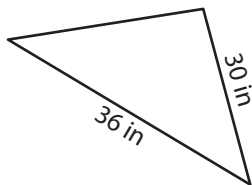
$x =$  \_\_\_\_\_

2)

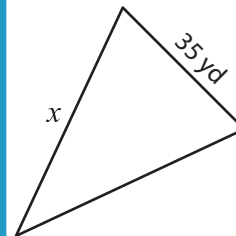


$x =$  \_\_\_\_\_

3)

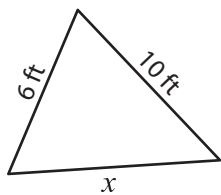


$x =$  \_\_\_\_\_

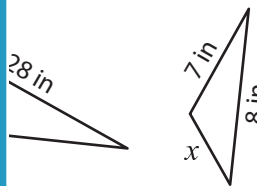


B) Find the values of

5)



$x =$  \_\_\_\_\_ ;



;  $y =$  \_\_\_\_\_

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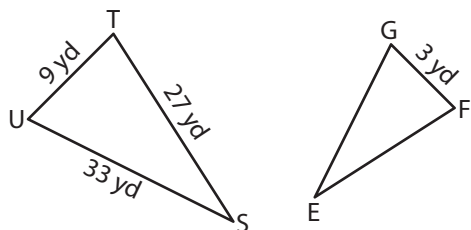
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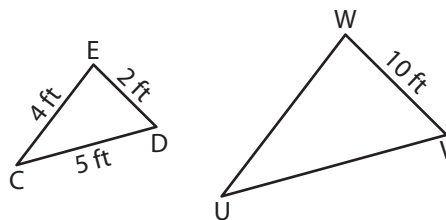
C) Each pair of triangles is similar. Find the perimeter.

1)



Perimeter of  $\triangle EFG =$  \_\_\_\_\_

2)

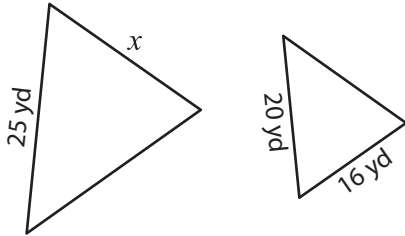


Perimeter of  $\triangle UVW =$  \_\_\_\_\_

# Similar Triangles - Missing Sides

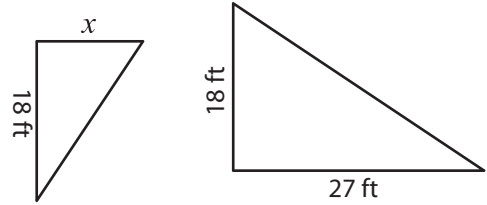
A) Find the value of  $x$ , if each pair of triangles is similar.

1)



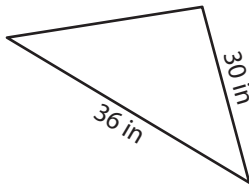
$$x = \underline{20 \text{ yd}}$$

2)



$$x = \underline{12 \text{ ft}}$$

3)



$$x = \underline{30}$$

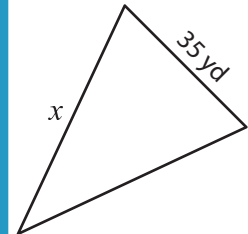
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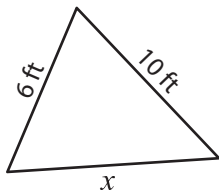
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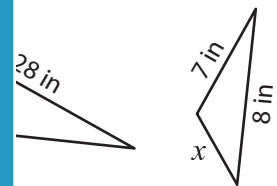
$$\underline{49 \text{ yd}}$$

B) Find the values of

5)



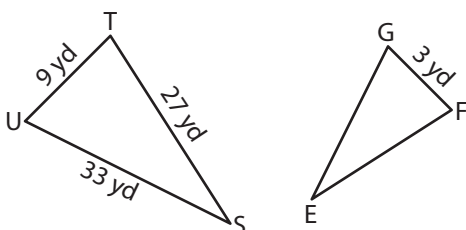
$$x = \underline{12 \text{ ft}} ;$$



$$; y = \underline{32 \text{ in}}$$

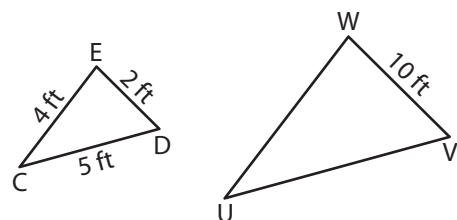
C) Each pair of triangles is similar. Find the perimeter.

1)



$$\text{Perimeter of } \triangle EFG = \underline{23 \text{ yd}}$$

2)



$$\text{Perimeter of } \triangle UVW = \underline{55 \text{ ft}}$$