

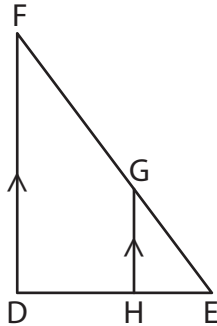
Name : _____

Similar Triangles

T2S2

A) Find the indicated measure.

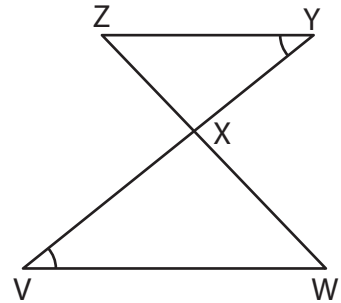
1)



$GH = 16 \text{ in} ; DF = 40 \text{ in} ; FE = 50 \text{ in}$

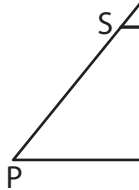
$EG =$ _____

2)



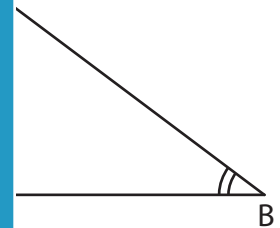
$XV = 35 \text{ yd} ; YZ = 27 \text{ yd} ; VW = 45 \text{ yd}$

3)



$ST = 11 \text{ ft} ; RT = 1$

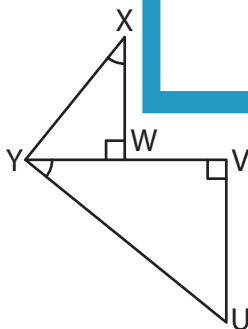
$PQ =$ _____



$A = 15^\circ ; EA = 10 \text{ in}$

B) Find the indicated

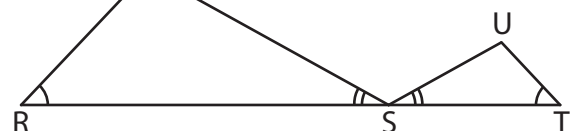
5)



$WY = 9 \text{ yd} ; WX = 12 \text{ yd} ;$

$UV = 24 \text{ yd} ; UY = 40 \text{ yd}$

$VY =$ _____ ; $XY =$ _____



$SV = 45 \text{ ft} ; RS = 60 \text{ ft} ;$

$SU = 21 \text{ ft} ; TU = 14 \text{ ft}$

$ST =$ _____ ; $RV =$ _____

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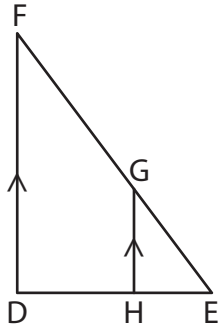
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Similar Triangles

A) Find the indicated measure.

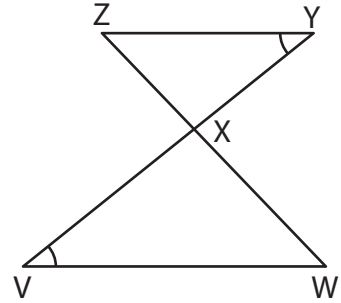
1)



$GH = 16 \text{ in} ; DF = 40 \text{ in} ; FE = 50 \text{ in}$

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

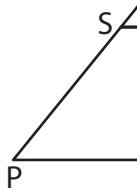
2)



$XV = 35 \text{ yd} ; YZ = 27 \text{ yd} ; VW = 45 \text{ yd}$

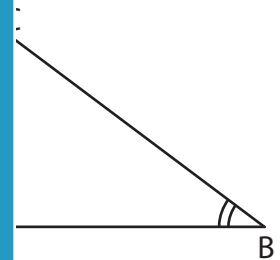
$\underline{\hspace{2cm}}$ **21 yd**

3)



$ST = 11 \text{ ft} ; RT = 10 \text{ ft}$

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

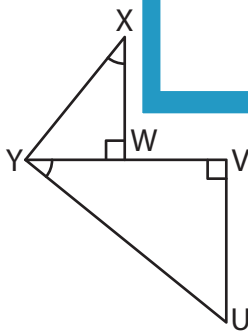


$PA = 15 \text{ in} ; EA = 10 \text{ in}$

$\underline{\hspace{2cm}}$ **25 in**

B) Find the indicated measure.

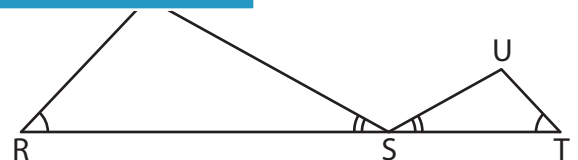
5)



$WY = 9 \text{ yd} ; WX = 12 \text{ yd} ;$

$UV = 24 \text{ yd} ; UY = 40 \text{ yd}$

$VY = \underline{\hspace{2cm}}$ **32 yd** ; $XY = \underline{\hspace{2cm}}$ **15 yd**



$SV = 45 \text{ ft} ; RS = 60 \text{ ft} ;$

$SU = 21 \text{ ft} ; TU = 14 \text{ ft}$

$ST = \underline{\hspace{2cm}}$ **28 ft** ; $RV = \underline{\hspace{2cm}}$ **30 ft**

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