

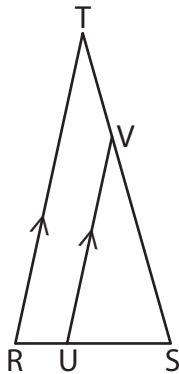
Name : _____

Similar Triangles

T2S1

A) Find the indicated measure.

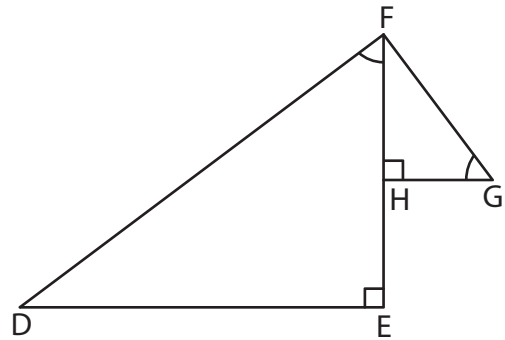
1)



$RT = 15 \text{ ft}; UV = 10 \text{ ft}; RS = 6 \text{ ft}$

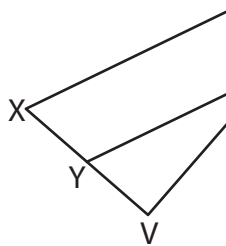
$US = \underline{\hspace{2cm}}$

2)



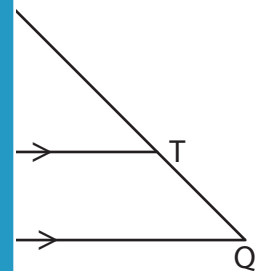
$DF = 20 \text{ in}; FH = 8 \text{ in}; FG = 10 \text{ in}$

3)



$VZ = 7 \text{ yd}; VY = 3$

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



$RQ = 27 \text{ ft}; RT = 18 \text{ ft}$

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

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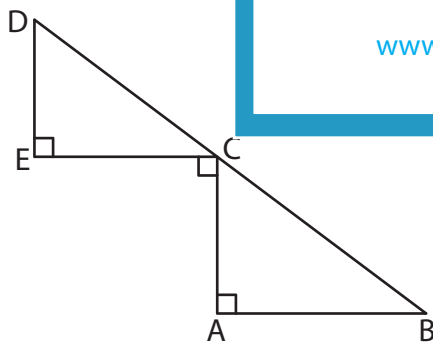
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B) Find the indicated

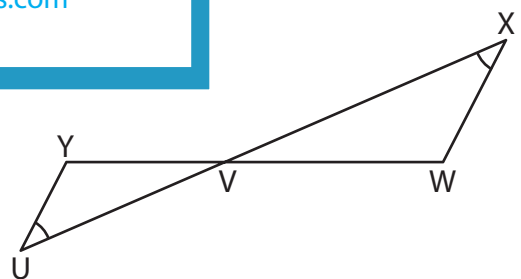
5)



$DE = 21 \text{ in}; CE = 28 \text{ in};$

$CA = 24 \text{ in}; DC = 35 \text{ in}$

$AB = \underline{\hspace{2cm}}; BC = \underline{\hspace{2cm}}$



$UY = 27 \text{ yd}; WX = 45 \text{ yd};$

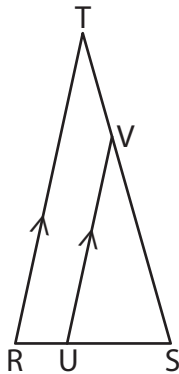
$VW = 50 \text{ yd}; UV = 36 \text{ yd}$

$VY = \underline{\hspace{2cm}}; VX = \underline{\hspace{2cm}}$

Similar Triangles

A) Find the indicated measure.

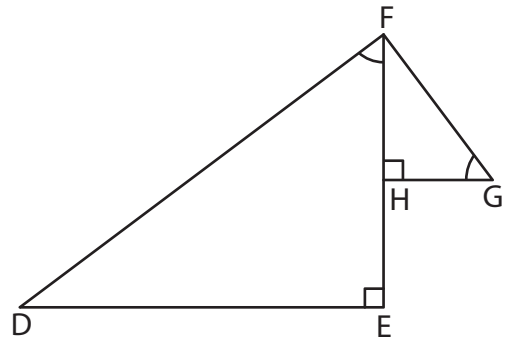
1)



RT = 15 ft ; UV = 10 ft ; RS = 6 ft

US = _____

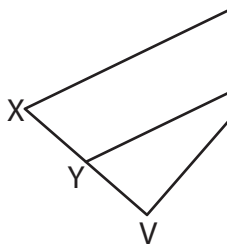
2)



DF = 20 in ; FH = 8 in ; FG = 10 in

25 in

3)



VZ = 7 yd ; VY = 3

XV = _____

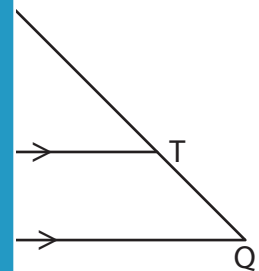
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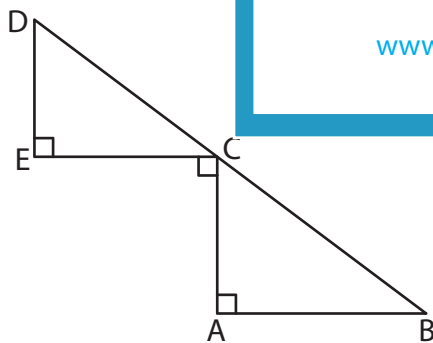


XQ = 27 ft ; YZ = 18 ft

20 ft

B) Find the indicated

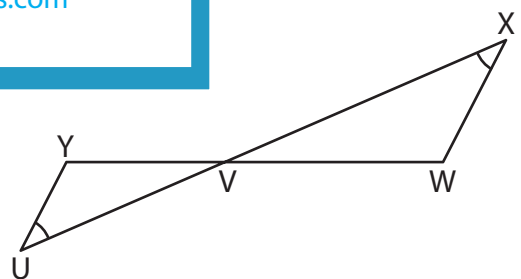
5)



DE = 21 in ; CE = 28 in ;

CA = 24 in ; DC = 35 in

AB = **32 in** ; BC = **40 in**



UY = 27 yd ; WX = 45 yd ;

VW = 50 yd ; UV = 36 yd

VY = **30 yd** ; VX = **60 yd**