

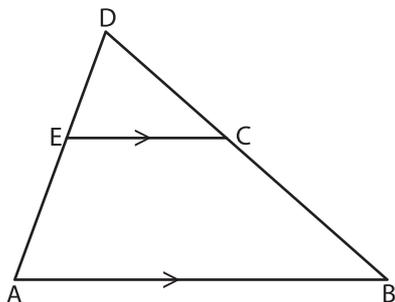
Name : _____

Similar Triangles

T2S1

Find the value of x .

1)

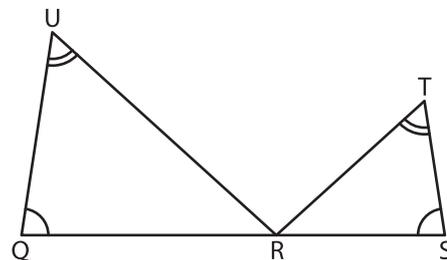


$AB = 49$ in ; $AD = 35$ in ;

$CE = 21$ in ; D

$x =$ _____

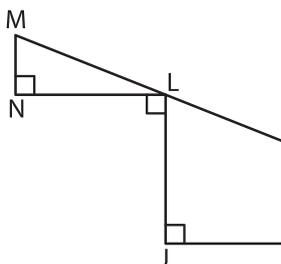
2)



$TR = 11$ ft ; $SR = 9$ ft ;

$QR = 6$ ft ; $UR = (4x)$ ft

3)

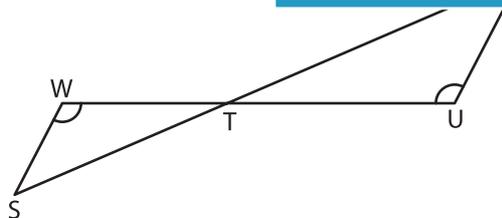


$MN = 4$ yd ; M

$LJ = 10$ yd ;

$x =$ _____

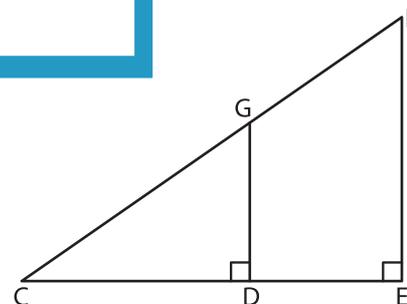
5)



$WS = (-x + 25)$ ft ; $WT = 44$ ft ;

$UV = 40$ ft ; $TU = 55$ ft

$x =$ _____



$CE = 50$ yd ; $EF = 35$ yd ;

$CD = (3x + 12)$ yd ; $DG = 21$ yd

$x =$ _____

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