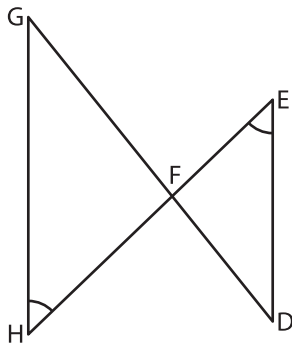


Similar Triangles

Find the value of x .

1)

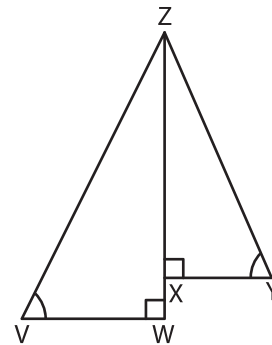


$FE = 5$ yd ; $DE = 10$ yd ;

$GH = (6x)$ yd

$x =$ _____

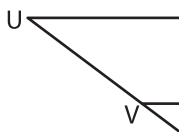
2)



$YZ = 30$ in ; $XY = 12$ in ;

$WX = 4$ in ; $VZ = 35$ in

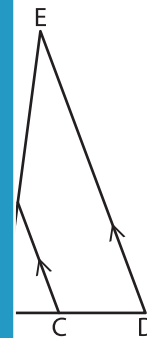
3)



$UR = 40$ ft ; $RT =$ _____

$VR = 25$ ft ;

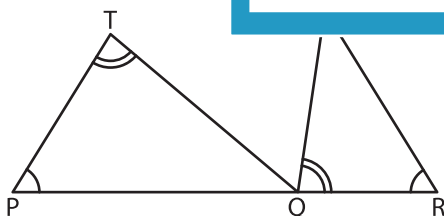
$x =$ _____



$EC = 1$ yd ; $BC = 2$ yd ;

$CD = 3$ yd ; $BE = 27$ yd

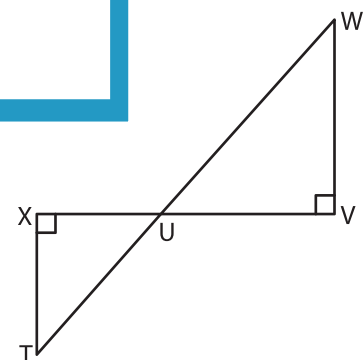
5)



$QR = 21$ in ; $RS = 36$ in ;

$PQ = 48$ in ; $TP = (7x)$ in

$x =$ _____



$TU = 45$ ft ; $XU = (-4x + 2)$ ft ;

$UV = 42$ ft ; $UW = 63$ ft

$x =$ _____

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