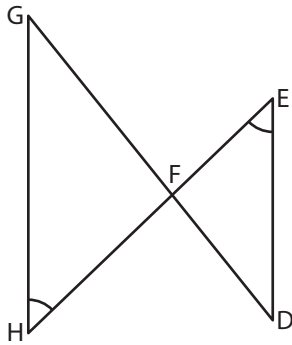


Similar Triangles

Find the value of x .

1)

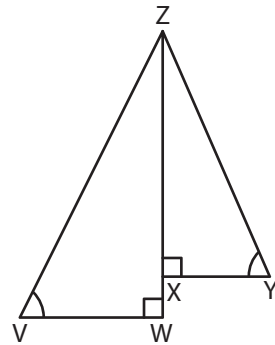


$FE = 5$ yd ; $DE = 10$ yd ;

$GH = (6x)$ yd

$x =$ _____

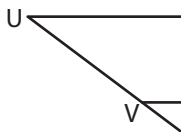
2)



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

$YW = 4$ in ; $VZ = 35$ in

3)



$UR = 40$ ft ; $RT = 10$ ft

$VR = 25$ ft ;

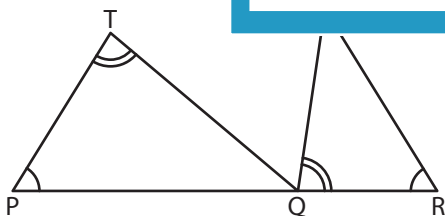
$x =$ _____



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

$ED = 27$ yd ; $BE = 27$ yd

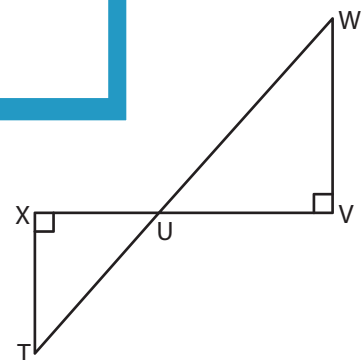
5)



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

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

$x =$ _____



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

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

$x =$ _____

PREVIEW

Gain complete access to the largest collection of worksheets in all subjects!

Members, please log in to download this worksheet.

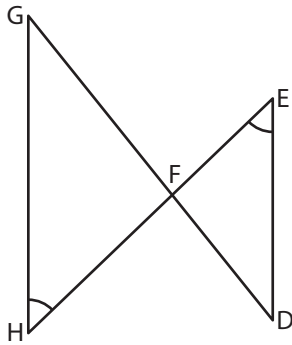
Not a member? Please sign up to gain complete access.

www.mathworksheets4kids.com

Similar Triangles

Find the value of x .

1)

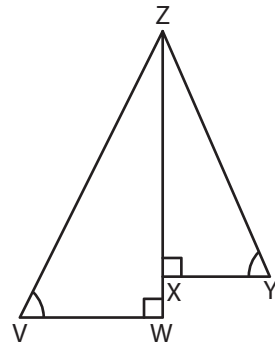


$FE = 5$ yd ; $DE = 10$ yd ;

$GH = (6x)$ yd

$x =$ _____

2)

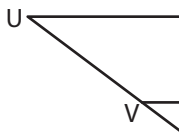


$YZ = 30$ in ; $XY = 12$ in ;

$YW = 4$ in ; $VZ = 35$ in

$x =$ **-10**

3)



$UR = 40$ ft ; $RT = 10$ ft

$VR = 25$ ft ;

$x =$ _____

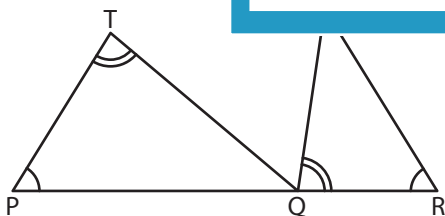


$BC = 2$ yd ;

$CD = 1$ yd ; $BE = 27$ yd

$x =$ **5**

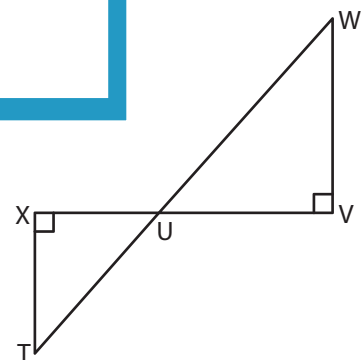
5)



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

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

$x =$ **4**



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

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

$x =$ **-7**

PREVIEW

Gain complete access to the largest collection of worksheets in all subjects!

Members, please log in to download this worksheet.

Not a member? Please sign up to gain complete access.

www.mathworksheets4kids.com