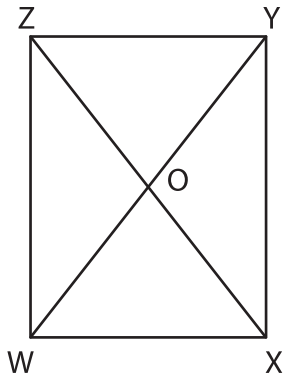


Diagonal of a Rectangle

Find the value of x .

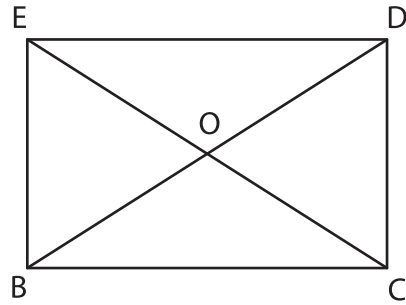
1)



$OX = \left(\frac{3x}{5}\right)$ yd ; $OZ = 15$ yd

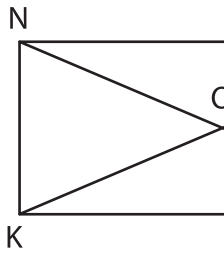
$x =$ _____

2)



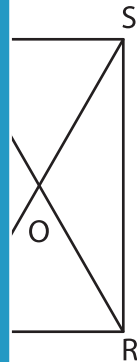
$OE = 50$; $OB = (-x + 40)$ in

3)



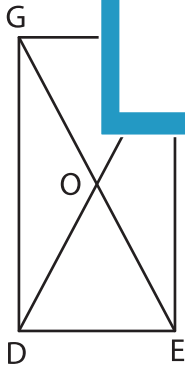
$OK = 9$ ft ; $ON = (x)$ ft

$x =$ _____



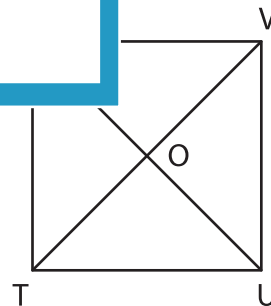
$S = 36$ yd

5)



$EG = (81 + 3x)$ in ; $DF = 45$ in

$x =$ _____



$OT = 25$ ft ; $UW = (2x)$ ft

$x =$ _____

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