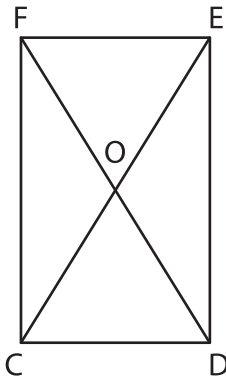


**Diagonal of a Rectangle**

Find the value of  $x$ .

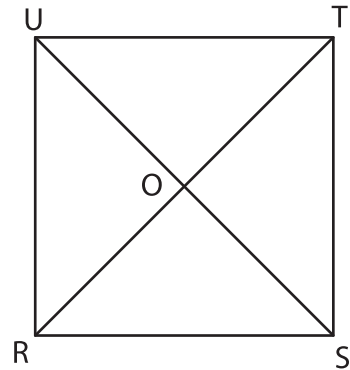
1)



$OD = 45$  yd ;  $OE = (2x - 55)$  yd

$x =$  \_\_\_\_\_

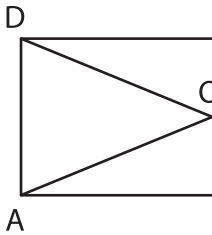
2)



$OS = 24$  ft ;  $OT = (4x)$  ft

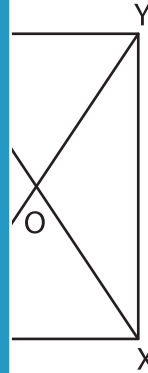
\_\_\_\_\_

3)



$OB = 4$  in ;  $OD = (x - 1)$  in

$x =$  \_\_\_\_\_



$OX = 11$  yd

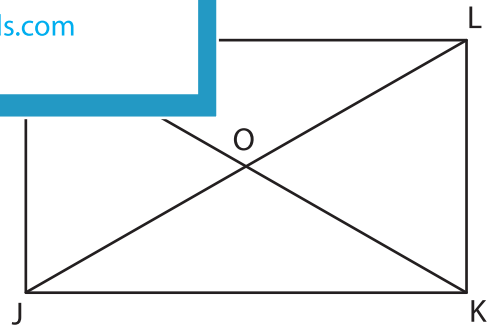
\_\_\_\_\_

5)



$OV = (5x)$  ft ;  $WY = 30$  ft

$x =$  \_\_\_\_\_



$KM = 20$  in ;  $JL = (-8x + 36)$  in

$x =$  \_\_\_\_\_

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