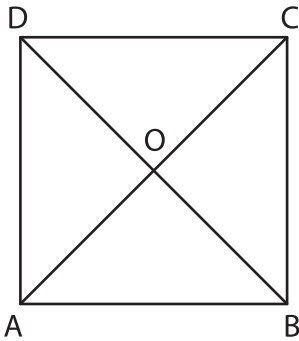


Name : _____

Diagonal of a Rectangle

Find the value of x .

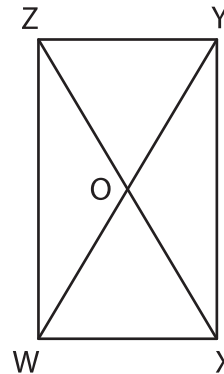
1)



$AC = (6x)$ ft ; $BD = 30$ ft

$x =$ _____

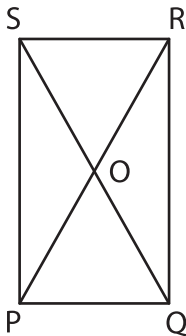
2)



$WY = 44$ yd ; $OY = (37 + 5x)$ yd

$x =$ _____

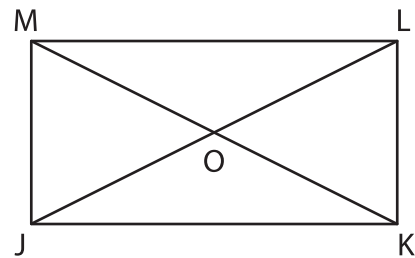
3)



$QS = 62$ in ; $OQ = (10x - 89)$ in

$x =$ _____

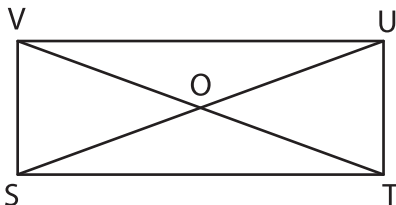
4)



$KM = 56$ ft ; $OM = \left(\frac{x}{2}\right)$ ft

$x =$ _____

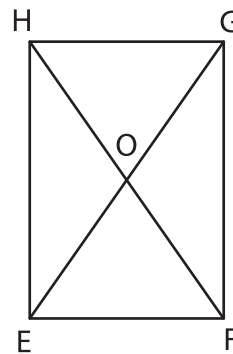
5)



$OU = (78 - 7x)$ yd ; $OT = 8$ yd

$x =$ _____

6)



$OF = 17$ in ; $EG = (x + 15)$ in

$x =$ _____