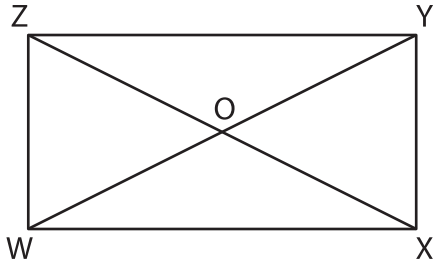


Diagonal of a Rectangle

Solve for x and then find the length of the diagonal.

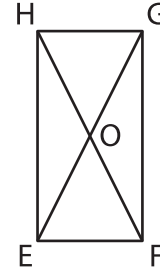
1)



$WY = (4x + 19)$ ft ; $XZ = (-5x - 8)$ ft

$x =$ _____
 diagonal = _____

2)



$OH = (10x - 3)$ yd ; $OF = (1 + 9x)$ yd

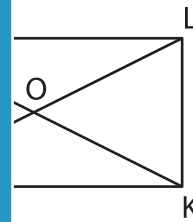
$x =$ _____
 diagonal = _____

3)



$QS = (-12 + x)$ yd

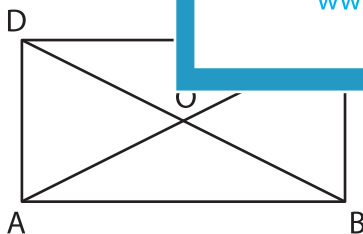
$x =$ _____
 diagonal = _____



$OL = (3x + 13)$ in

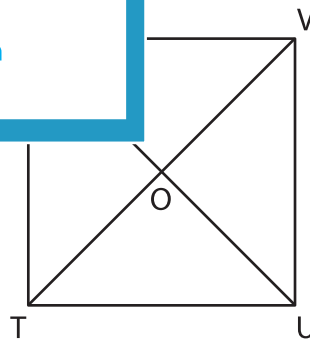
$x =$ _____
 diagonal = _____

5)



$OA = (8x - 24)$ in ; $OB = (5x)$ in

$x =$ _____
 diagonal = _____



$OV = (14 - 4x)$ ft ; $UW = (6x)$ ft

$x =$ _____
 diagonal = _____

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