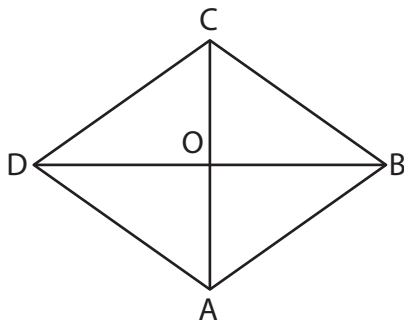


A) Find the value of x in each rhombus.

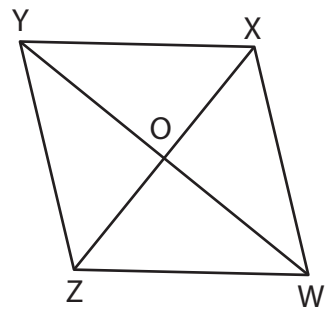
1)



$OA = (x + 20)$ in ; $OC = (6x)$ in

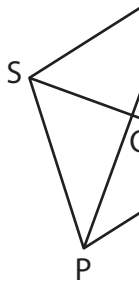
$x =$ _____

2)



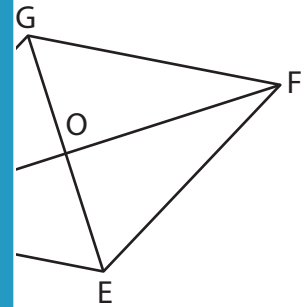
$XZ = \left(\frac{x}{2}\right)$ ft ; $OZ = 21$ ft

3)



$OQ = (8x - 49)$ yd ;

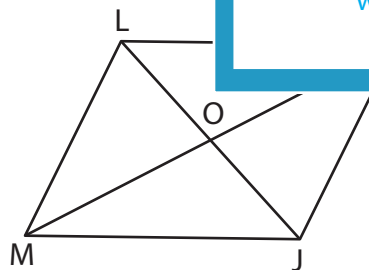
$x =$ _____



in ; $GE = (38 + 3x)$ in

B) Solve for x and y

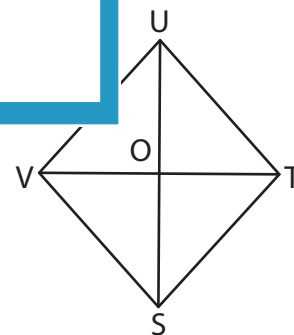
1)



$MK = (4x)$ ft ; $OK = 30$ ft

$OL = (5 - 2y)$ ft ; $LJ = (-y + 13)$ ft

$x =$ _____ ; $y =$ _____ ; $LJ =$ _____



$VO = (9y - 20)$ yd ; $TO = (5y)$ yd

$OU = (27 + 7x)$ yd ; $OS = 41$ yd

$x =$ _____ ; $y =$ _____ ; $VT =$ _____

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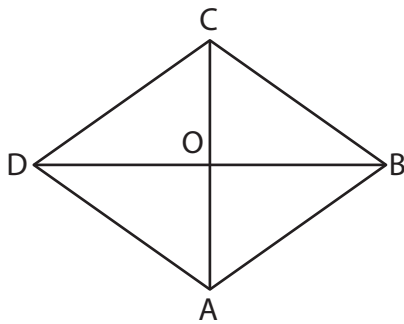
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Rhombus

A) Find the value of x in each rhombus.

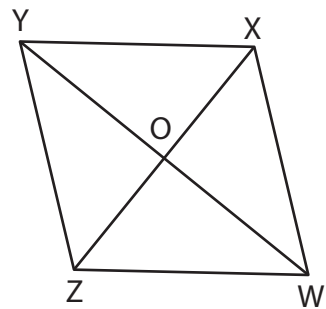
1)



$OA = (x + 20)$ in ; $OC = (6x)$ in

$x =$ _____

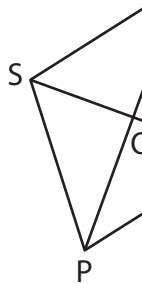
2)



$XZ = \left(\frac{x}{2}\right)$ ft ; $OZ = 21$ ft

84

3)



$OQ = (8x - 49)$ yd ;

$x =$ _____

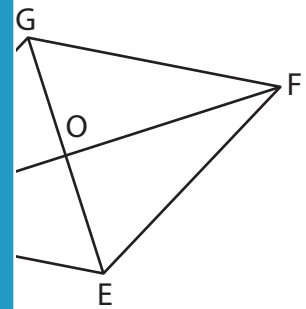
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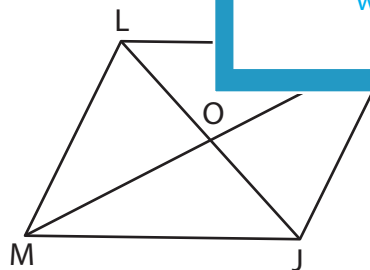


in ; $GE = (38 + 3x)$ in

20

B) Solve for x and y

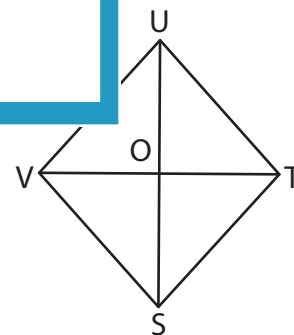
1)



$MK = (4x)$ ft ; $OK = 30$ ft

$OL = (5 - 2y)$ ft ; $LJ = (-y + 13)$ ft

$x =$ **15** ; $y =$ **-1** ; $LJ =$ **14 ft**



$VO = (9y - 20)$ yd ; $TO = (5y)$ yd

$OU = (27 + 7x)$ yd ; $OS = 41$ yd

$x =$ **2** ; $y =$ **5** ; $VT =$ **50 yd**