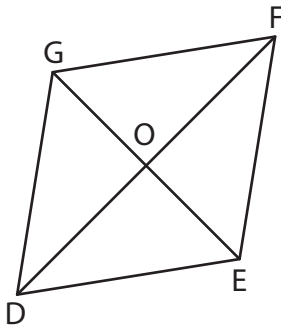


A) Find the value of  $x$  in each rhombus.

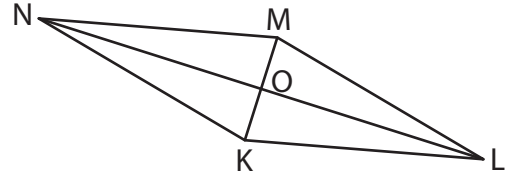
1)



$OD = (4x + 5)$  yd ;  $OF = (-3x + 40)$  yd

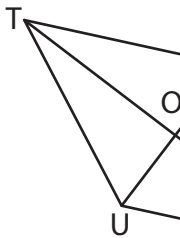
$x =$  \_\_\_\_\_

2)



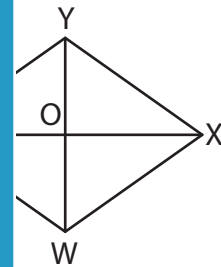
$LN = (3x - 10)$  in ;  $NO = 16$  in

3)



$OS = (2x)$  in

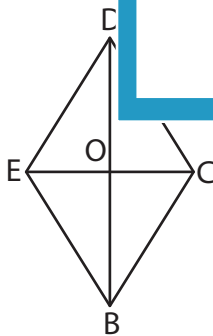
$x =$  \_\_\_\_\_



$OS = (2x - 22)$  ft ;  $OY = (x + 55)$  ft

B) Solve for  $x$  and  $y$

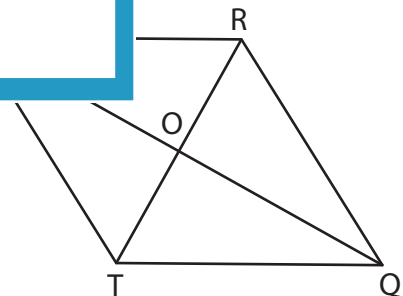
1)



$EO = (24 + 4x)$  yd ;  $EC = (7x + 46)$  yd

$DB = (8y)$  yd ;  $OB = (5y - 10)$  yd

$x =$  \_\_\_\_\_ ;  $y =$  \_\_\_\_\_ ;  $EC =$  \_\_\_\_\_



$OS = (6y + 57)$  ft ;  $OQ = 9$  ft

$OT = \left(\frac{x}{6}\right)$  ft ;  $OR = (42 - x)$  ft

$x =$  \_\_\_\_\_ ;  $y =$  \_\_\_\_\_ ;  $QS =$  \_\_\_\_\_

**PREVIEW**

Gain complete access to the largest collection of worksheets in all subjects!

Members, please log in to download this worksheet.

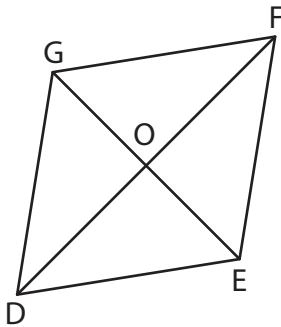
Not a member? Please sign up to gain complete access.

[www.mathworksheets4kids.com](http://www.mathworksheets4kids.com)

Rhombus

A) Find the value of  $x$  in each rhombus.

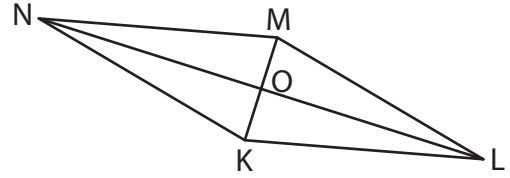
1)



$OD = (4x + 5)$  yd ;  $OF = (-3x + 40)$  yd

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

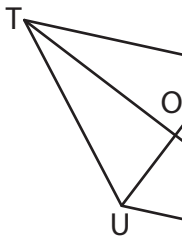
2)



$LN = (3x - 10)$  in ;  $NO = 16$  in

**14**

3)



$OS = (2x)$  in

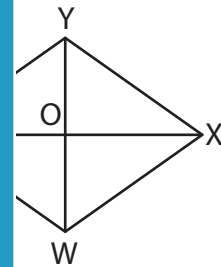
$x =$  \_\_\_\_\_

Gain complete access to the largest collection of worksheets in all subjects!

Members, please log in to download this worksheet.

Not a member? Please sign up to gain complete access.

[www.mathworksheets4kids.com](http://www.mathworksheets4kids.com)

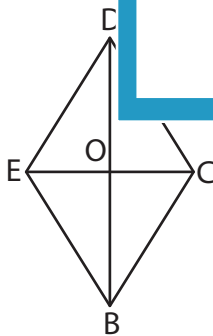


$22$  ft ;  $OY = (x + 55)$  ft

**3**

B) Solve for  $x$  and  $y$

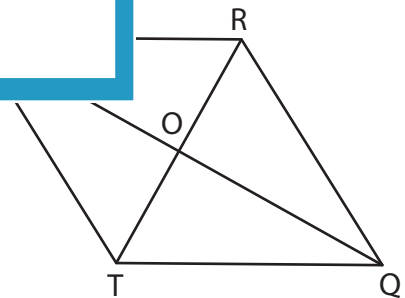
1)



$EO = (24 + 4x)$  yd ;  $EC = (7x + 46)$  yd

$DB = (8y)$  yd ;  $OB = (5y - 10)$  yd

$x =$  **-2** ;  $y =$  **10** ;  $EC =$  **32 yd**



$OS = (6y + 57)$  ft ;  $OQ = 9$  ft

$OT = (\frac{x}{6})$  ft ;  $OR = (42 - x)$  ft

$x =$  **36** ;  $y =$  **-8** ;  $QS =$  **18 ft**