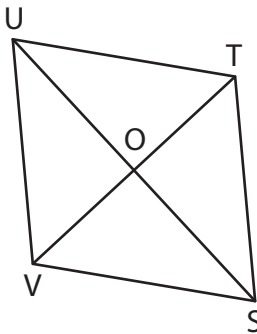


A) Find the value of  $x$  in each rhombus.

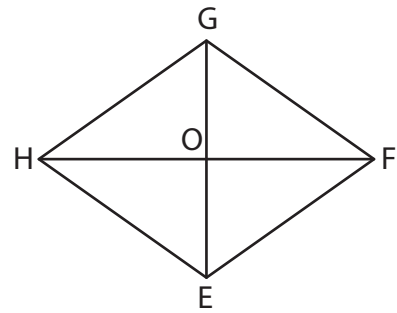
1)



$OU = 13 \text{ yd} ; SU = \left(\frac{x}{3}\right) \text{ yd}$

$x = \underline{\hspace{2cm}}$

2)



$HO = (6x) \text{ ft} ; OF = 48 \text{ ft}$

3)

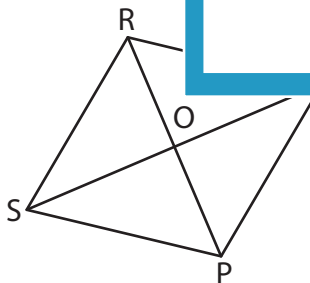


$OW = (2 - 9x)$

$x = \underline{\hspace{2cm}}$

B) Solve for  $x$  and  $y$

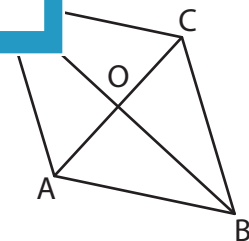
1)



$OR = (7x + 26) \text{ in} ; PR = (2x + 28) \text{ in}$

$SO = (1 - 8y) \text{ in} ; QO = (67 + 3y) \text{ in}$

$x = \underline{\hspace{1cm}} ; y = \underline{\hspace{1cm}} ; PR = \underline{\hspace{1cm}}$



$AC = (4x) \text{ yd} ; OA = (17 + x) \text{ yd}$

$BD = 82 \text{ yd} ; OB = (95 - 6y) \text{ yd}$

$x = \underline{\hspace{1cm}} ; y = \underline{\hspace{1cm}} ; AC = \underline{\hspace{1cm}}$

**PREVIEW**

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

Members, please log in to download this worksheet.

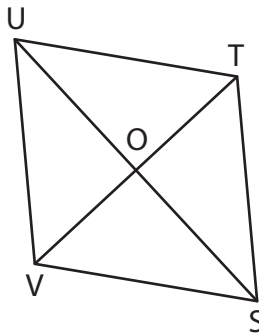
Not a member? Please sign up to gain complete access.

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

Rhombus

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

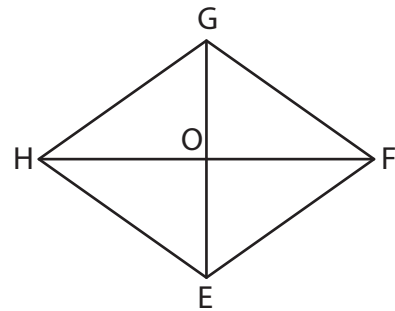
1)



$OU = 13 \text{ yd} ; SU = \left(\frac{x}{3}\right) \text{ yd}$

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

2)



$HO = (6x) \text{ ft} ; OF = 48 \text{ ft}$

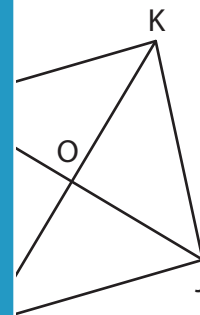
$8$

3)



$OW = (2 - 9x)$

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

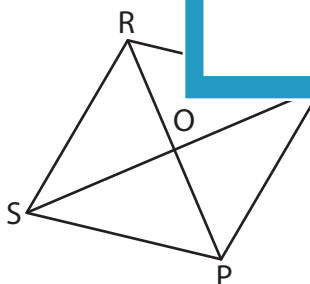


$JO = (12 - 5x) \text{ in} ; OK = (-51 + 7x) \text{ in}$

$12$

B) Solve for  $x$  and  $y$

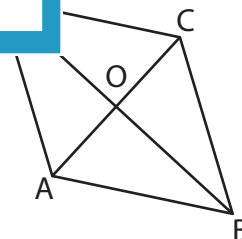
1)



$OR = (7x + 26) \text{ in} ; PR = (2x + 28) \text{ in}$

$SO = (1 - 8y) \text{ in} ; QO = (67 + 3y) \text{ in}$

$x = -2 ; y = -6 ; PR = 24 \text{ in}$



$AC = (4x) \text{ yd} ; OA = (17 + x) \text{ yd}$

$BD = 82 \text{ yd} ; OB = (95 - 6y) \text{ yd}$

$x = 17 ; y = 9 ; AC = 68 \text{ yd}$

**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)