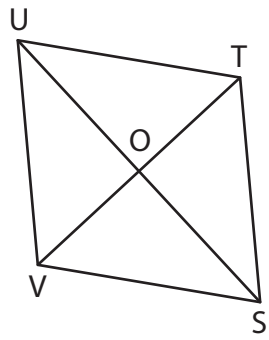
Name : _____

Rhombus

Sheet 3

A) Find the value of x in each rhombus.

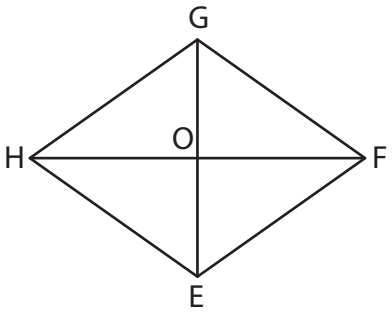
1)



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

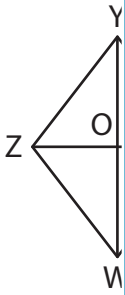
x = _____

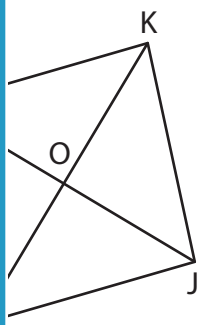
2)



HO = $(6x)$ ft ; OF = 48 ft

3)





OW = (2 – 9x)

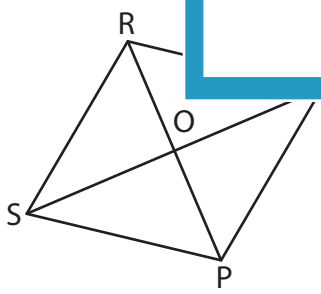
) in ; OK = (–51 + 7x) in

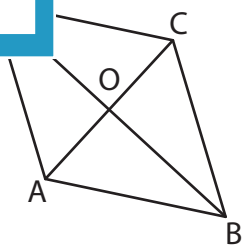
x = _____

B) Solve for x and y

sure.

1)





OR = (7x + 26) in ; PR = (2x + 28) in

SO = (1 – 8y) in ; QO = (67 + 3y) in

x = _____ ; y = _____ ; PR = _____

AC = (4x) yd ; OA = (17 + x) yd

BD = 82 yd ; OB = (95 – 6y) yd

x = _____ ; y = _____ ; AC = _____

Name : _____

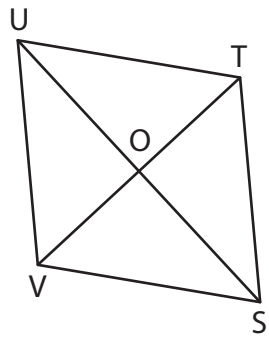
Answer key

Rhombus

Sheet 3

A) Find the value of x in each rhombus.

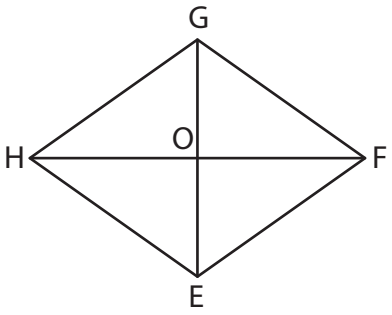
1)



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

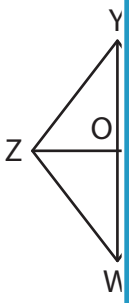
x = **8**

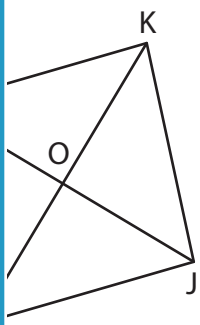
2)



HO = $(6x)$ ft ; OF = 48 ft

3)



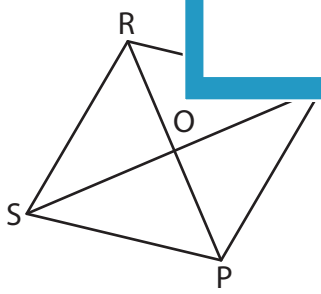


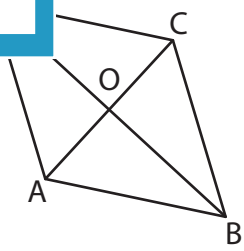
OW = (2 – 9x) in ; OK = (–51 + 7x) in

x = **12**

B) Solve for x and y sure.

1)





OR = (7x + 26) in ; PR = (2x + 28) in

SO = (1 – 8y) in ; QO = (67 + 3y) in

x = **–2** ; y = **–6** ; PR = **24 in**

AC = $(4x)$ yd ; OA = (17 + x) yd

BD = 82 yd ; OB = (95 – 6y) yd

x = **17** ; y = **9** ; AC = **68 yd**