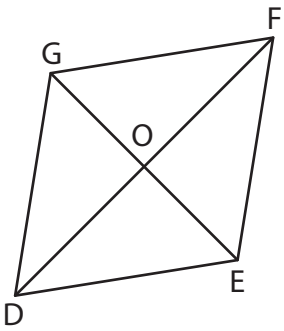
Name : _____

Rhombus

Sheet 4

A) Find the value of x in each rhombus.

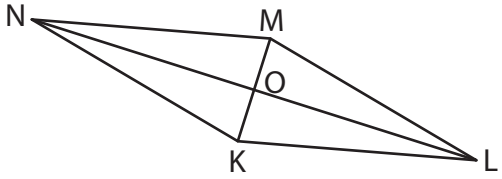
1)



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

x = _____

2)



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

x = _____

3)

OS = $(2x)$ in

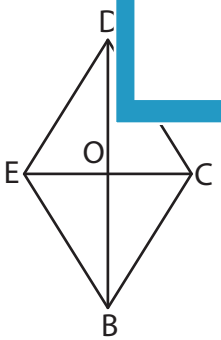
22) ft ; OY = $(x + 55)$ ft

x = _____

B) Solve for x and y

sure.

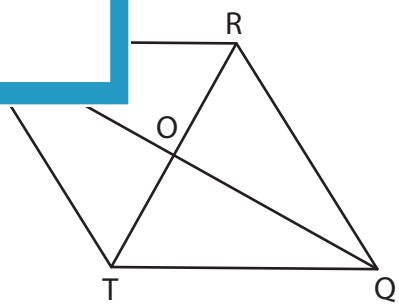
1)



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 = _____

Name : _____

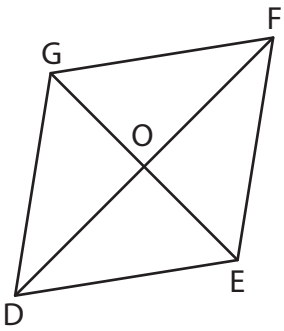
Answer key

Rhombus

Sheet 4

A) Find the value of x in each rhombus.

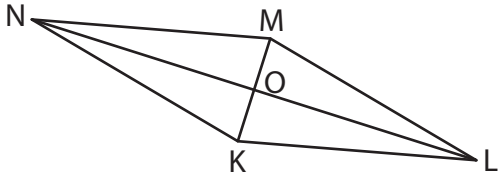
1)



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

x = _____

2)



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

x = **14**

3)

OS = $(2x)$ in

x = _____

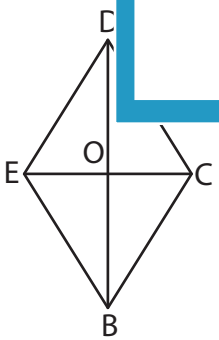
22) ft ; OY = $(x + 55)$ ft

x = **3**

B) Solve for x and y

sure.

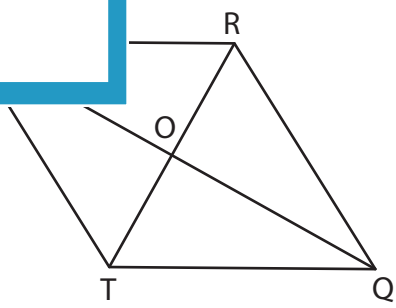
1)



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

x = **36** ; y = **−8** ; QS = **18 ft**