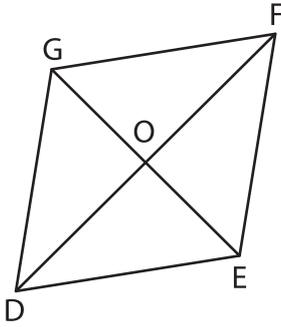Name : _____

Rhombus

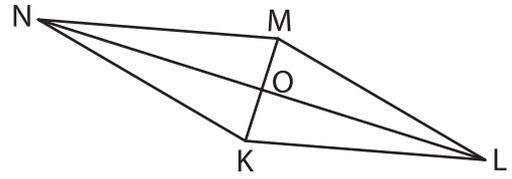**A)** Find the value of x in each rhombus.

1)

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

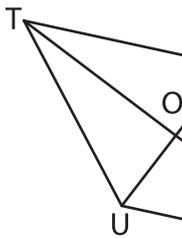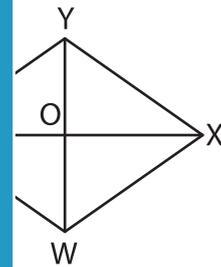$x = $ _____

2)

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

3)
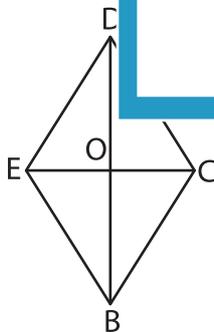

$OS = (2x)$ in

$x = $ _____

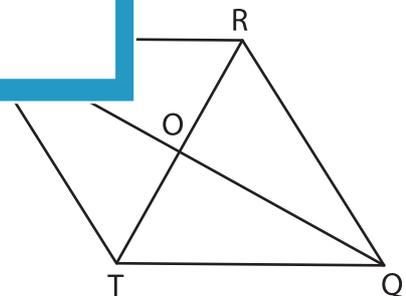$22)$ ft ; $OY = (x + 55)$ ft

_____

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

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

$x = $ _____ ; $y = $ _____ ; $QS = $ _____