# Complementary Angles

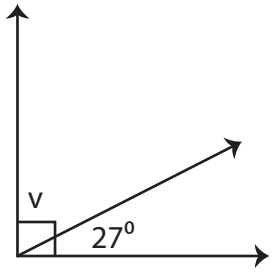
Name _____

Score _____

CS:05

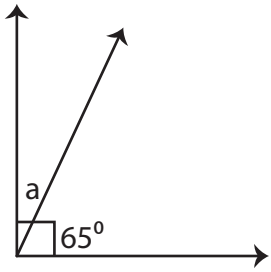
Find the unknown angle.

1)



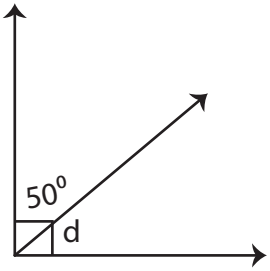

m∠v = _____

2)



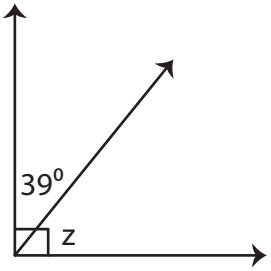

m∠a = _____

3)




m∠d = _____

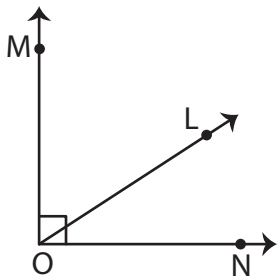
4)




m∠z = _____

Find the value of x.

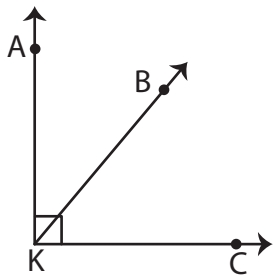
1)




m∠LON = $(11x)^0$ ; m∠MOL = $57^0$

x = _____

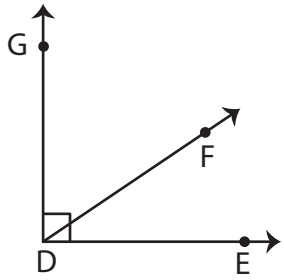
2)




m∠AKB = $(x - 11)^0$ ; m∠BKC = $(x - 1)^0$

x = _____

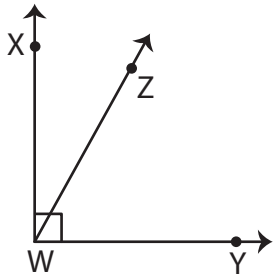
3)




m∠FDG = $(3x + 5)^0$ ; m∠EDF = $(x + 17)^0$

x = _____

4)




m∠YWZ = $61^0$ ; m∠XWZ = $(x - 6)^0$

x = _____

# Complementary Angles

Name _____

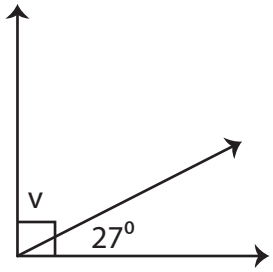
Score _____

**Answer key**

CS:05

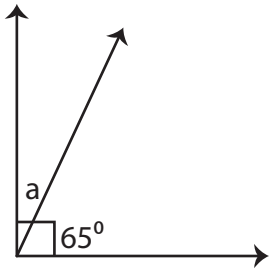
Find the unknown angle.

1)



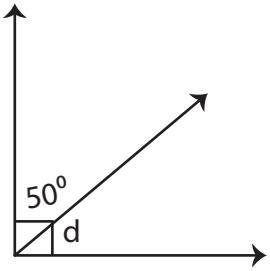

m∠v = **63°**

2)



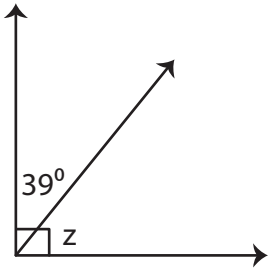

m∠a = **25°**

3)




m∠d = **40°**

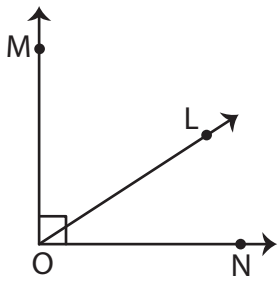
4)




m∠z = **51°**

Find the value of x.

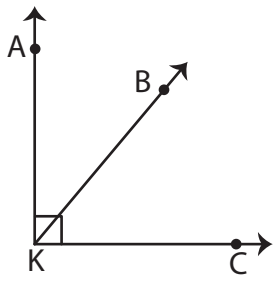
1)




m∠LON = $(11x)^0$ ; m∠MOL = $57^0$

x = **3**

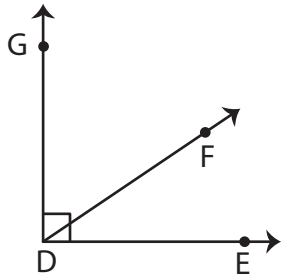
2)




m∠AKB = $(x - 11)^0$ ; m∠BKC = $(x - 1)^0$

x = **51**

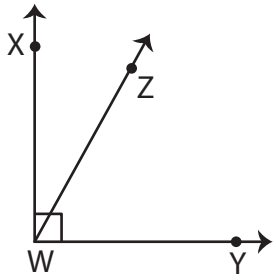
3)




m∠FDG = $(3x + 5)^0$ ; m∠EDF = $(x + 17)^0$

x = **17**

4)




m∠YWZ = $61^0$ ; m∠XWZ = $(x - 6)^0$

x = **35**