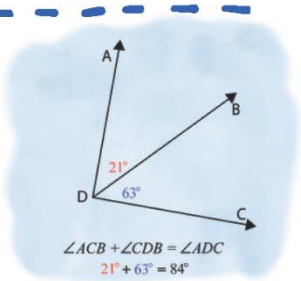
Name _____

Name : Class :

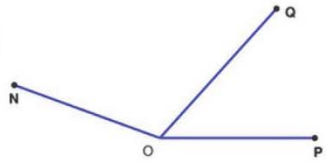
Angle Postulate

The sum of two adjacent angle measures will be equal to the measure of the larger angle they form.



Find the missing angle measurement using the angle addition postulate

1)

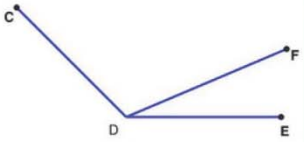


∠ NOQ = 112°

∠ QOP = 48°

∠ NOP = 160°

2)

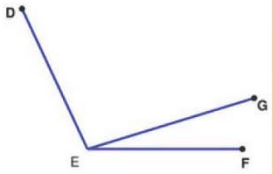


∠ CDF = 112°

∠ FDE = 23°

∠ CDE = 135°

3)

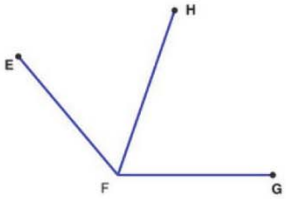


∠ DEG = 98°

∠ GEF = 17°

∠ DEF = 115°

4)

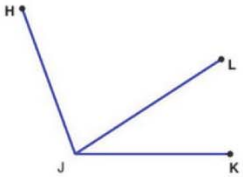


∠ EFH = 59°

∠ HFG = 71°

∠ EFG = 130°

5)

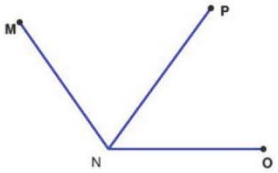


∠ HJL = 77°

∠ LJK = 33°

∠ HJK = 110°

6)

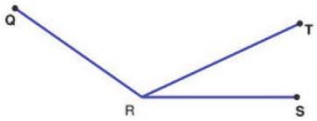


∠ MNP = 71°

∠ PNO = 54°

∠ MNO = 125°

7)

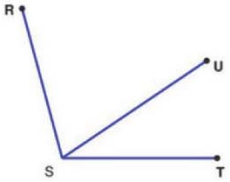


∠ QRT = 120°

∠ TRS = 25°

∠ QRS = 145°

8)

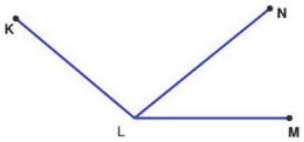


∠ RSU = 71°

∠ UST = 34°

∠ RST = 105°

9)



∠ KLN = 101°

∠ NLM = 39°

∠ KLM = 140°