

Name _____

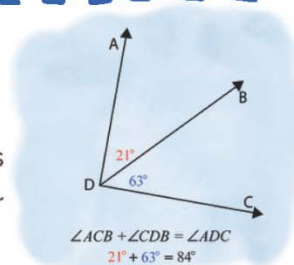
Name :

Class :



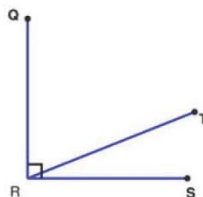
Angle Postulate

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



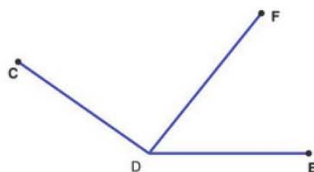
Find the missing angle measurement using the angle addition postulate

1)



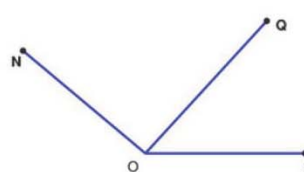
$$\begin{aligned}\angle QRT &= 68.3^\circ \\ \angle TRS &= 21.7^\circ \\ \angle QRS &= 90^\circ\end{aligned}$$

2)



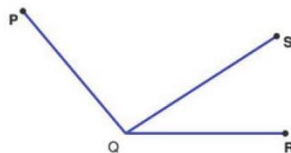
$$\begin{aligned}\angle CDF &= 93.7^\circ \\ \angle FDE &= 51.3^\circ \\ \angle CDE &= 145^\circ\end{aligned}$$

3)



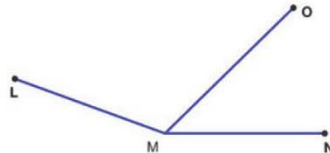
$$\begin{aligned}\angle NOQ &= 92.5^\circ \\ \angle QOP &= 47.5^\circ \\ \angle NOP &= 140^\circ\end{aligned}$$

4)



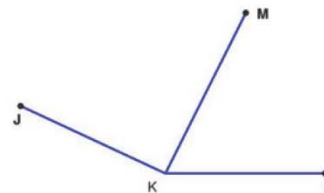
$$\begin{aligned}\angle PQS &= 97.2^\circ \\ \angle SQR &= 32.8^\circ \\ \angle PQR &= 130^\circ\end{aligned}$$

5)



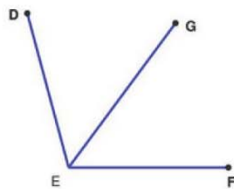
$$\begin{aligned}\angle LMO &= 115.6^\circ \\ \angle OMN &= 44.4^\circ \\ \angle LMN &= 160^\circ\end{aligned}$$

6)



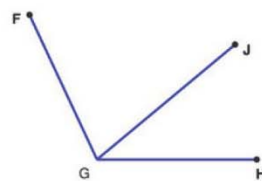
$$\begin{aligned}\angle JKM &= 91.6^\circ \\ \angle MKL &= 63.4^\circ \\ \angle JKL &= 155^\circ\end{aligned}$$

7)



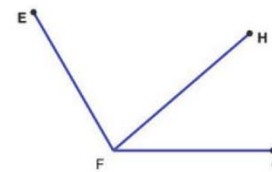
$$\begin{aligned}\angle DEG &= 51.5^\circ \\ \angle GEF &= 53.5^\circ \\ \angle DEF &= 105^\circ\end{aligned}$$

8)



$$\begin{aligned}\angle FGJ &= 75.2^\circ \\ \angle JGH &= 39.8^\circ \\ \angle FGH &= 115^\circ\end{aligned}$$

9)



$$\begin{aligned}\angle EFH &= 79.3^\circ \\ \angle HFG &= 40.7^\circ \\ \angle EFG &= 120^\circ\end{aligned}$$