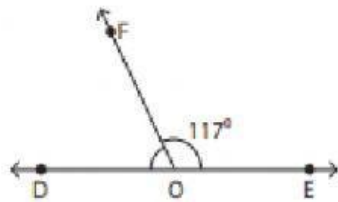


Advanced_Grade-5_Geometry

Adjacent Angles & Linear Pairs

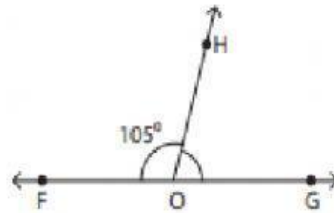
1. Find the measure of the indicated angle in each linear pair.

1)



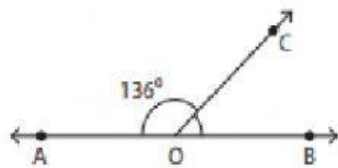
$$m\angle DOF = \underline{\hspace{2cm}}$$

2)



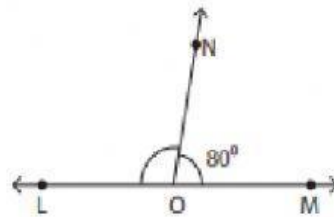
$$m\angle GOH = \underline{\hspace{2cm}}$$

3)



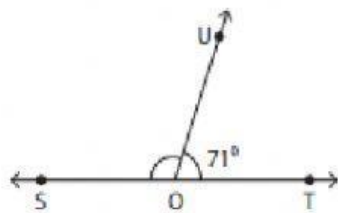
$$m\angle BOC = \underline{\hspace{2cm}}$$

4)



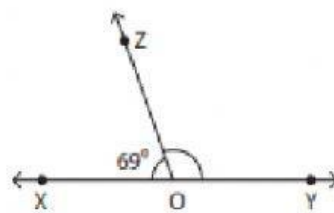
$$m\angle LON = \underline{\hspace{2cm}}$$

5)



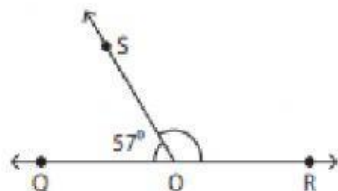
$$m\angle SOU = \underline{\hspace{2cm}}$$

6)



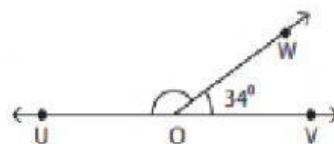
$$m\angle YOZ = \underline{\hspace{2cm}}$$

7)



$$m\angle ROS = \underline{\hspace{2cm}}$$

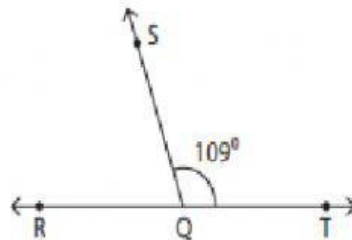
8)



$$m\angle UOW = \underline{\hspace{2cm}}$$

2. Find the value of x .

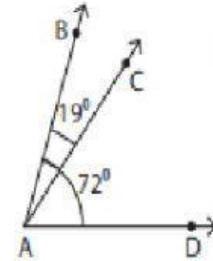
1)



$$m\angle SQR = (2x + 5)^\circ$$

$$x = \underline{\hspace{2cm}}$$

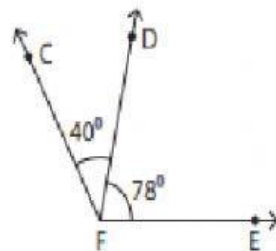
2)



$$m\angle CAD = (x - 3)^\circ$$

$$x = \underline{\hspace{2cm}}$$

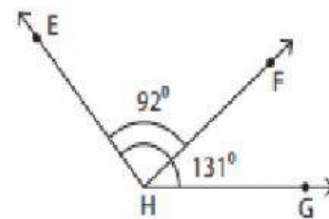
3)



$$m\angle CFE = (x + 19)^\circ$$

$$x = \underline{\hspace{2cm}}$$

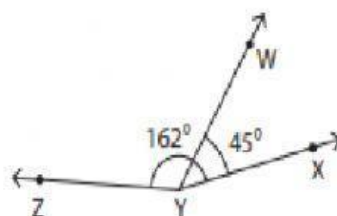
4)



$$m\angle FHG = (8 + x)^\circ$$

$$x = \underline{\hspace{2cm}}$$

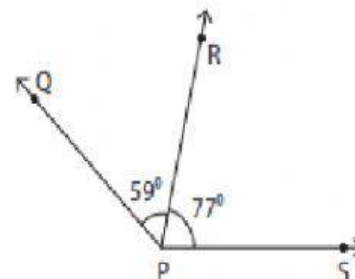
5)



$$m\angle ZYW = (3x - 3)^\circ$$

$$x = \underline{\hspace{2cm}}$$

6)



$$m\angle QPS = (5x - 4)^\circ$$

$$x = \underline{\hspace{2cm}}$$