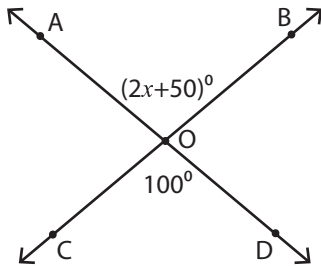


## Intersecting Lines

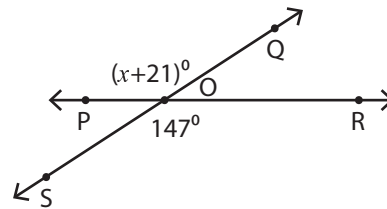
Find the value of  $x$  and the unknown angle in each problem.

1)



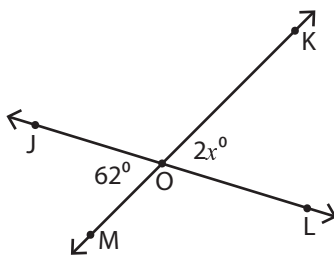
$x =$  \_\_\_\_\_  
 $\angle BOD =$  \_\_\_\_\_

2)



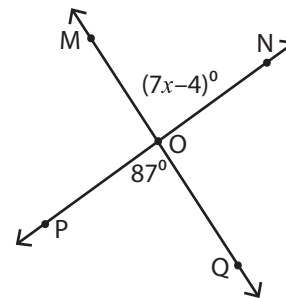
$x =$  \_\_\_\_\_  
 $\angle POS =$  \_\_\_\_\_

3)



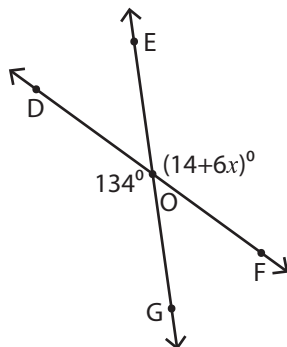
$x =$  \_\_\_\_\_  
 $\angle MOL =$  \_\_\_\_\_

4)



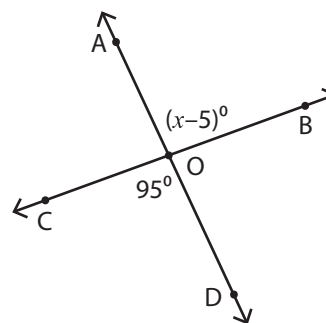
$x =$  \_\_\_\_\_  
 $\angle NOQ =$  \_\_\_\_\_

5)



$x =$  \_\_\_\_\_  
 $\angle GOF =$  \_\_\_\_\_

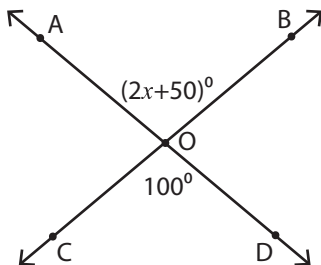
6)



$x =$  \_\_\_\_\_  
 $\angle BOD =$  \_\_\_\_\_

**Answer Key**Find the value of  $x$  and the unknown angle in each problem.

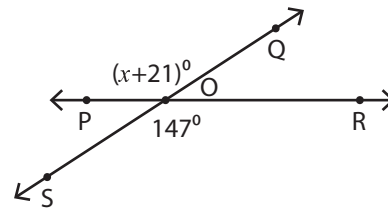
1)



$$x = \underline{25}$$

$$\angle BOD = \underline{80^\circ}$$

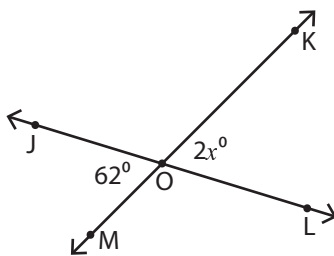
2)



$$x = \underline{126}$$

$$\angle POS = \underline{33^\circ}$$

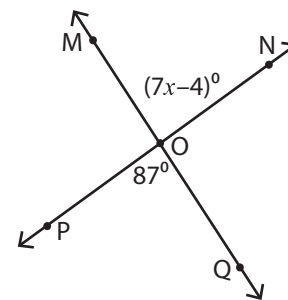
3)



$$x = \underline{31}$$

$$\angle MOL = \underline{118^\circ}$$

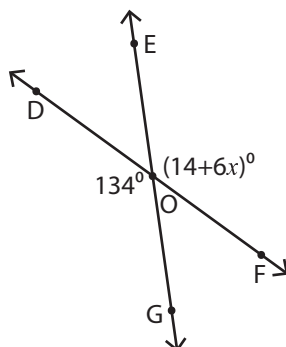
4)



$$x = \underline{13}$$

$$\angle NOQ = \underline{93^\circ}$$

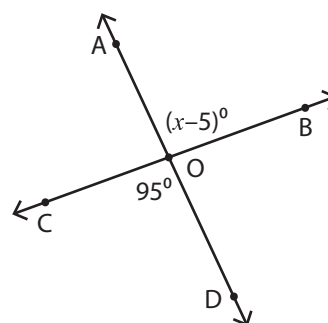
5)



$$x = \underline{20}$$

$$\angle GOF = \underline{46^\circ}$$

6)



$$x = \underline{100}$$

$$\angle BOD = \underline{85^\circ}$$