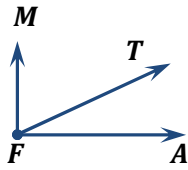


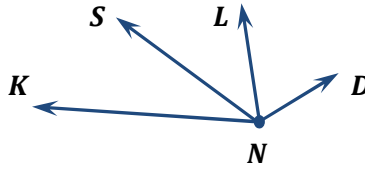
# Measuring Angles Assignment

Name the angles in the figure.

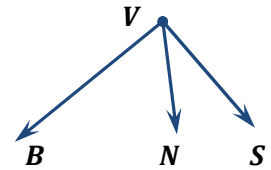
1.



2.

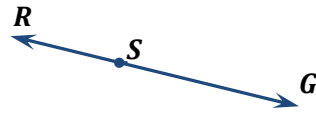


3.

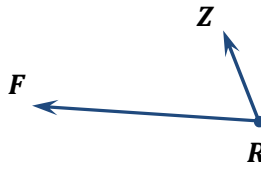


Name the vertex and sides of each angle.

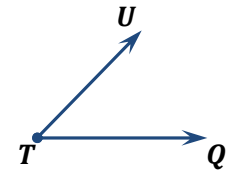
4.



5.

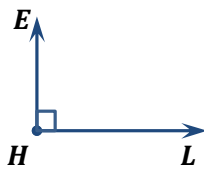


6.

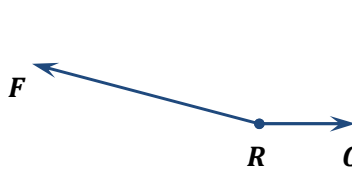


Classify the following angles as acute, right, obtuse, or straight.

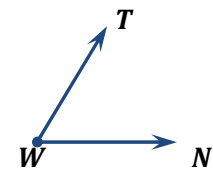
7.



8.

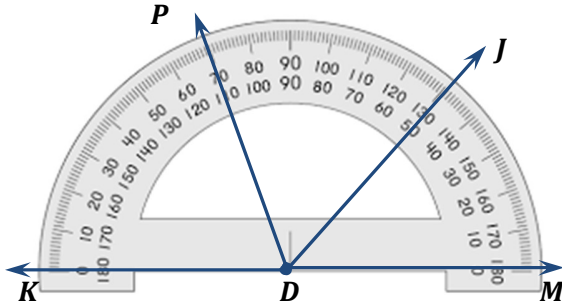


9.

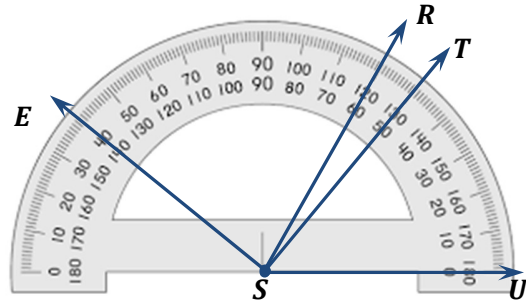


Find the measure of each angle.

10.  $m\angle KDP, m\angle KDM, m\angle JDP, m\angle KDJ = ?$



11.  $m\angle USE, m\angle UST, m\angle EST, m\angle RST = ?$



Name: \_\_\_\_\_ Period: \_\_\_\_\_ Date: \_\_\_\_\_

## Measuring Angles Assignment

Use a protractor to draw each angle. Then classify each angle.

12.  $m\angle SOG = 142$

13.  $m\angle IND = 55$

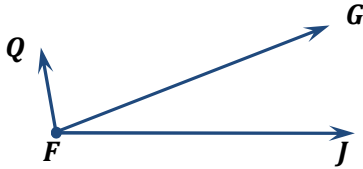
14.  $m\angle EFH = 90$

15.  $m\angle ZXY = 180$

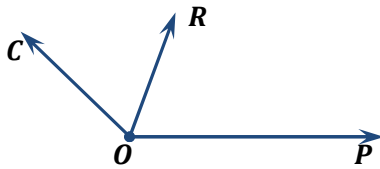
## Measuring Angles Assignment

Find the indicated angle measures.

16.  $m\angle JFG = 34$      $m\angle GFQ = 43$   
 $m\angle JFQ = ?$

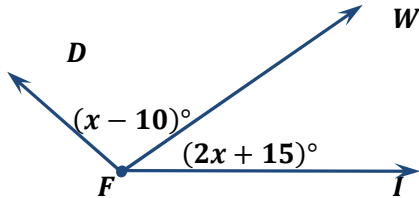


17.  $m\angle POC = 132$      $m\angle ROC = 52$   
 $m\angle POR = ?$

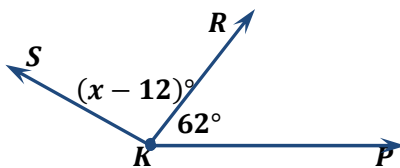


Find the value of  $x$  and then the indicated angle measures.

16. If  $m\angle IFD = 125$ ,  $m\angle IFW = 2x + 15$ ,  
 $m\angle WFD = x - 10$  what are  
 $m\angle IFW$  and  $m\angle WFD$ ?



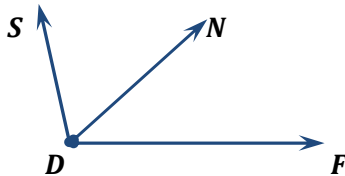
17. If  $m\angle PKR = 62$ ,  $m\angle RKS = x - 12$ ,  
and  $m\angle PKS = 3x + 10$ , what are  
 $m\angle RKS$  and  $m\angle PKS$ ?



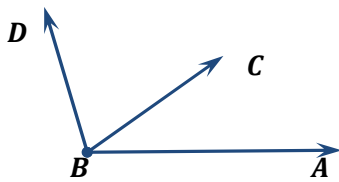
## Measuring Angles Assignment

Find the indicated angle measures.

18. If  $\overrightarrow{DN}$  bisects  $\angle FDS$  and  $m\angle FDS = 104$ , find  $m\angle FDN$  and  $m\angle NDS$ .

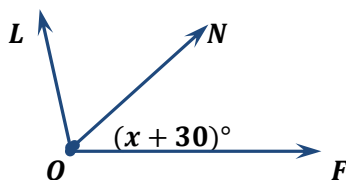


19. If  $\overrightarrow{BC}$  bisects  $\angle ABD$  and  $m\angle ABC = 51$ , find  $m\angle ABD$  and  $m\angle CBD$ .



Find the value of  $x$  and then the indicated angle measures.

20. If  $\overrightarrow{ON}$  bisects  $\angle FOL$  and  $m\angle FOL = 4x - 10$ ,  $m\angle FON = x + 30$ , find  $m\angle FON$ ,  $m\angle FOL$  and  $m\angle NOL$ .



Name: \_\_\_\_\_ Period: \_\_\_\_\_ Date: \_\_\_\_\_

## Measuring Angles Assignment