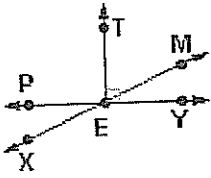


Angle Relationships Worksheet #2

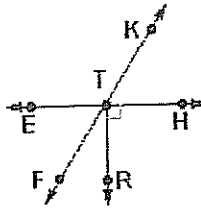
Name: _____ Date: _____ Period: _____

Name a pair of complementary angles and supplementary angles for each diagram below.

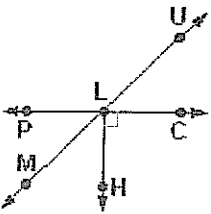
1.



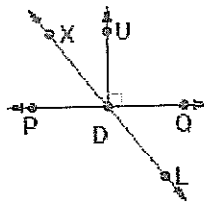
2.



3.

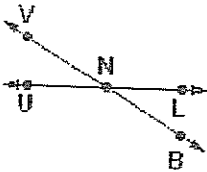


4.



Algebraically find the unknown angle indicated in each problem. Show your work!

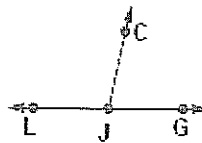
5.



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

$$m\angle LNB = 31^\circ$$

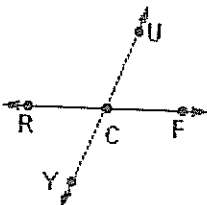
6.



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

$$m\angle GJC = 77^\circ$$

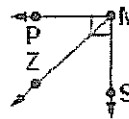
7.



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

$$m\angle RCY = 69^\circ$$

8.

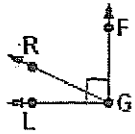


$$m\angle SMZ = \underline{\hspace{2cm}}$$

$$m\angle ZMP = 42^\circ$$

Algebraically find the unknown angle indicated in each problem. Show your work!

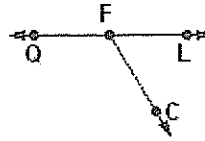
9.



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

$$m\angle RGL = 25^\circ$$

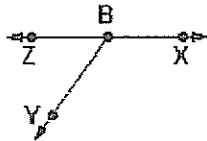
10.



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

$$m\angle LFC = 59^\circ$$

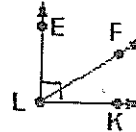
11.



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

$$m\angle XBY = 125^\circ$$

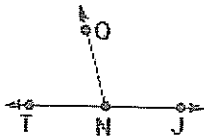
12.



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

$$m\angle FLK = 33^\circ$$

13.



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

$$m\angle JNQ = 105^\circ$$