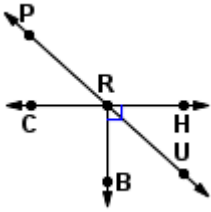


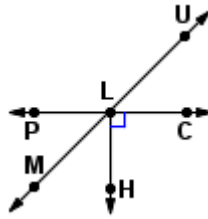
Find the measure of the angle.

1.



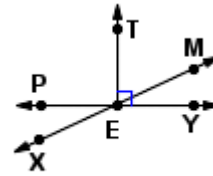
$m\angle URH = \underline{\hspace{2cm}}$
 $m\angle PRC = 42^\circ$

2.



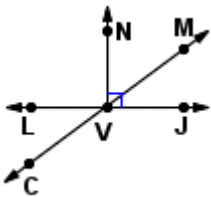
$m\angle MLH = \underline{\hspace{2cm}}$
 $m\angle MLP = 45^\circ$

3.



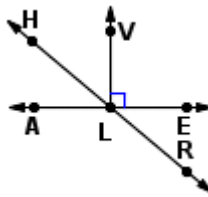
$m\angle XEY = \underline{\hspace{2cm}}$
 $m\angle MEY = 25^\circ$

4.



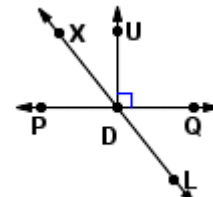
$m\angle MVJ = \underline{\hspace{2cm}}$
 $m\angle CVL = 36^\circ$

5.



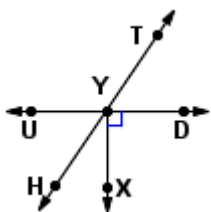
$m\angle RLE = \underline{\hspace{2cm}}$
 $m\angle HLA = 40^\circ$

6.



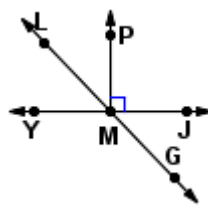
$m\angle PDL = \underline{\hspace{2cm}}$
 $m\angle LDQ = 52^\circ$

7.



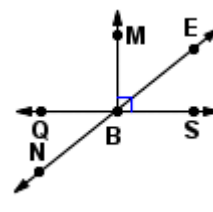
$m\angle HYX = \underline{\hspace{2cm}}$
 $m\angle HYU = 56^\circ$

8.



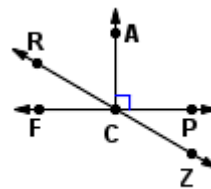
$m\angle GMJ = \underline{\hspace{2cm}}$
 $m\angle LMY = 46^\circ$

9.



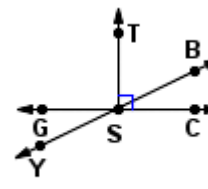
$m\angle NBQ = \underline{\hspace{2cm}}$
 $m\angle NBS = 141^\circ$

10.



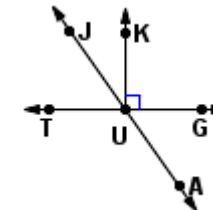
$m\angle RCA = \underline{\hspace{2cm}}$
 $m\angle RCF = 30^\circ$

11.



$m\angle BSC = \underline{\hspace{2cm}}$
 $m\angle YSG = 26^\circ$

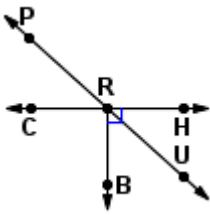
12.



$m\angle AUG = \underline{\hspace{2cm}}$
 $m\angle JUT = 55^\circ$

Find the measure of the top angle.

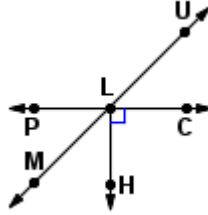
13.



$$m\angle URH = 3x + 10$$

$$m\angle PRC = 5x - 10$$

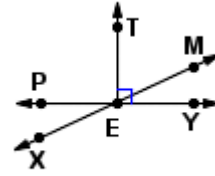
14.



$$m\angle MLH = 2x$$

$$m\angle MLP = 6x$$

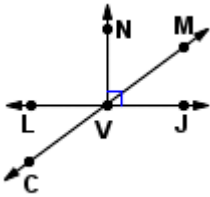
15.



$$m\angle XEY = 7x + 12$$

$$m\angle MEY = 5x - 30$$

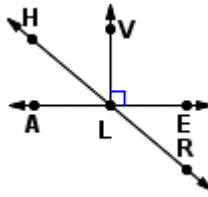
16.



$$m\angle MVJ = 7x - 4$$

$$m\angle CVL = 2x + 4$$

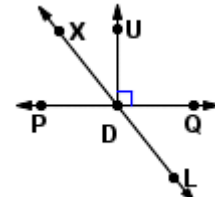
17.



$$m\angle RLE = -2x - 5$$

$$m\angle HLA = 4x + 1$$

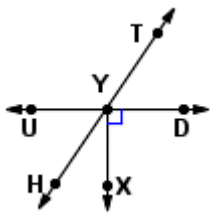
18.



$$m\angle PDL = 6x$$

$$m\angle LDQ = 13x - 10$$

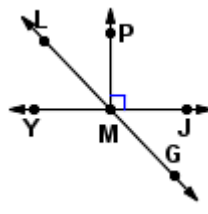
19.



$$m\angle HYX = 3x - 11$$

$$m\angle HYU = x + 19$$

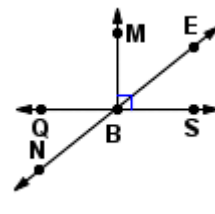
20.



$$m\angle GMJ = 4x - 5$$

$$m\angle LMY = 3x + 11$$

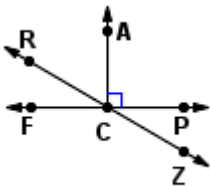
21.



$$m\angle NBQ = 11x - 1$$

$$m\angle NBS = 4x + 1$$

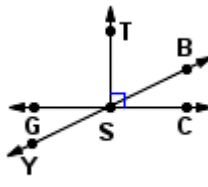
22.



$$m\angle RCA = \frac{1}{2}x + 19$$

$$m\angle RCF = 2x + 76$$

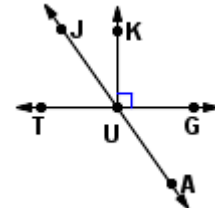
23.



$$m\angle BSC = -3x - 14$$

$$m\angle YSG = -x + 12$$

24.



$$m\angle AUG = 2x$$

$$m\angle JUT = x + 43$$