1.3 Measuring Angles

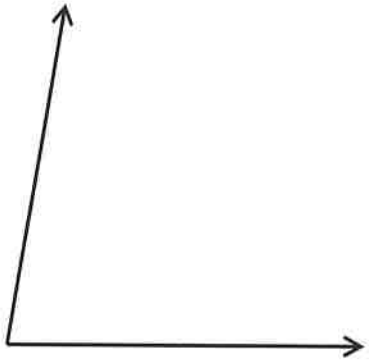
Corrective Assignment

NAME:_____

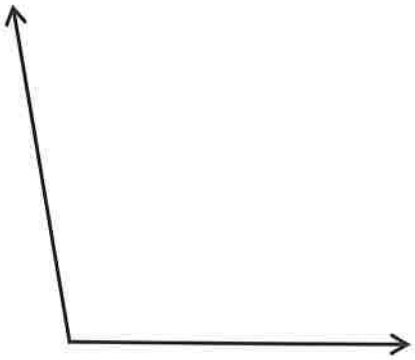
DATE:_____

Find the measure of each angle to the nearest degree.

1.



2.



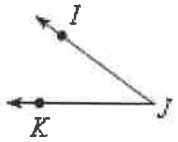
Draw an angle with the given measure.

3. 74°

4. 168°

Name the vertex and sides of each angle.

5.



Vertex =

Sides =

6.

Vertex =

Sides =

Classify each angle as acute, obtuse, right, or straight.

7.

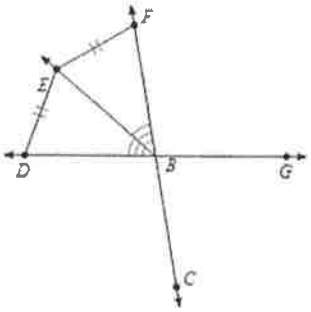
8.

9.

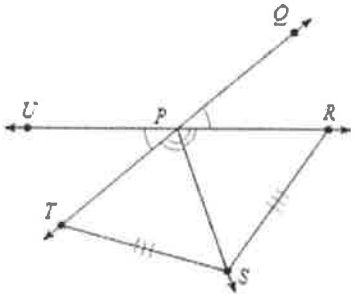
10.

List all information given by the diagram.

11.



12.



Label the picture and use it to answer the following.

13.

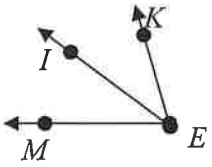
Given

$\overrightarrow{EI}$ is the angle bisector of $\angle MEK$

$m\angle MEI = 25°$

$m\angle IEK = 3x + 1$

Find *x*



14.

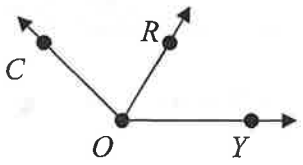
Given

$\angle COR \cong \angle ROY$

$m\angle COR = 64°$

$m\angle ROY = 9x - 8$

Find *x*



15.

Given

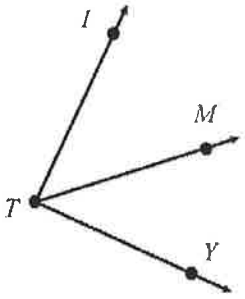
$\overrightarrow{TM}$ is the angle bisector of $\angle ITY$

$m\angle ITM = 3x + 2$

$m\angle MTY = 4x - 8$

Find *x*

Find *m∠MTY*



16.

Given

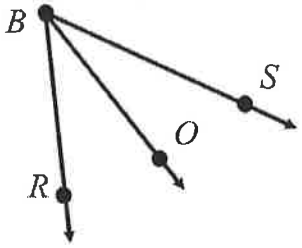
$\angle RBO \cong \angle SBO$

$m\angle SBO = 5x - 1$

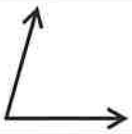
$m\angle RBO = 3x + 7$

Find *x*

Find *m∠RBO*



Answers for Corrective Assignment 1.3

1. 81°	2. 100°	3. 	4. 
5. Vertex = J Sides = $\overrightarrow{JI}$ and $\overrightarrow{JK}$	6. Vertex = I Sides = $\overrightarrow{IJ}$ and $\overrightarrow{IH}$	7. acute	8. straight
9. obtuse	10. right	11. $\angle DBE \cong \angle EBF$ $\overline{EF} \cong \overline{DE}$	12. $\angle QPR \cong \angle UPT$ $\angle RPS \cong \angle SPT$ $\overline{ST} \cong \overline{RS}$
13. $x = 8$	14. $x = 8$	15. $x = 10$ $m\angle MTY = 32°$	16. $x = 4$ $m\angle RBO = 19°$