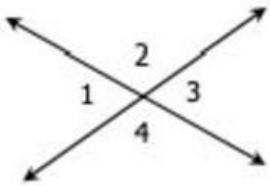
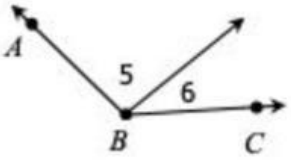
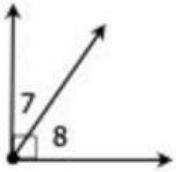
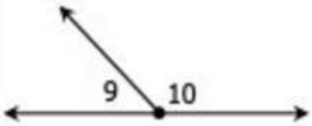
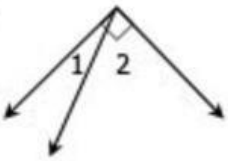
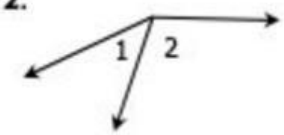
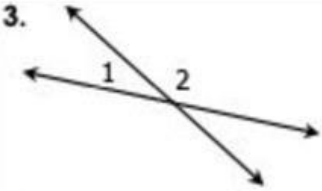
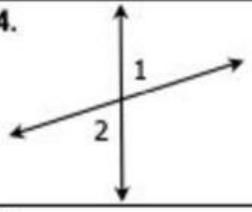
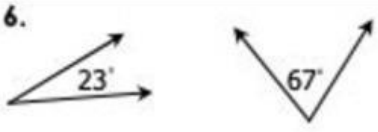
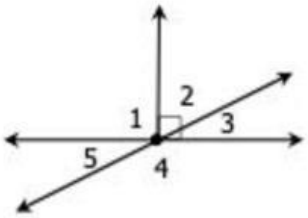
Main Ideas/Questions	Notes/Examples	
	Diagram	**Description**
VERTICAL ANGLES		**Vertical angles** are two angles that are _____ of each other when two lines intersect. These angles are _____.
ADJACENT ANGLES		**Adjacent angles** are two angles that share a common _____ and _____. They are _____ _____ each other.
COMPLEMENTARY ANGLES		**Complementary angles** are any two angles in which the _____ of their measures is _____.
SUPPLEMENTARY ANGLES		**Supplementary angles** are any two angles in which the _____ of their measures is _____.
	Complementary and supplementary angles do NOT have to be adjacent!	
Classifying Angles	**Directions:** Classify each pair of angles using all names that apply.	
	1. 	**2.** 
	3. 	**4.** 
	5. 	**6.** 



Directions: Using the diagram to the left, classify each angle pair using all names that apply.

7. $\angle 2$ and $\angle 3$

8. $\angle 3$ and $\angle 4$

9. $\angle 1$ and $\angle 2$

10. $\angle 3$ and $\angle 5$

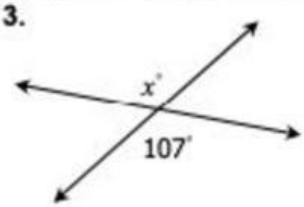
11. $\angle 4$ and $\angle 5$

12. $\angle 1$ and $\angle 5$

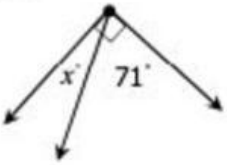
Finding Angle Measures

Directions: Find each missing angle measure.

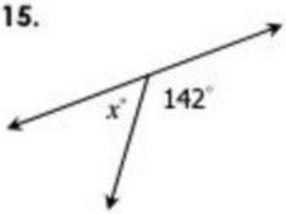
13.



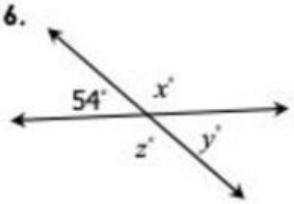
14.



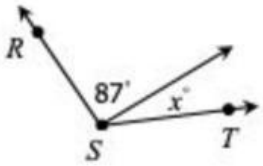
15.



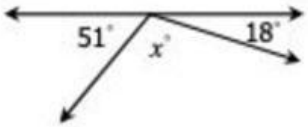
16.



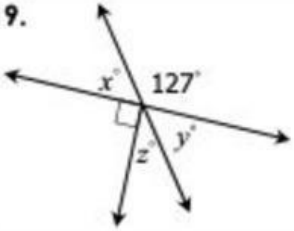
17. Given: $m\angle RST = 112^\circ$



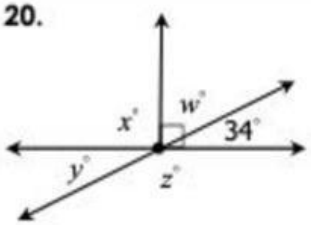
18.



19.



20.



Word Problems

21. If $\angle G$ and $\angle H$ are supplementary angles and $m\angle H = 51^\circ$, find $m\angle G$.

22. If $\angle 1$ and $\angle 2$ are vertical angles and $m\angle 1 = 128^\circ$, find $m\angle 2$.

23. If $\angle J$ and $\angle K$ are complementary angles and $m\angle K = 73^\circ$, find $m\angle J$.