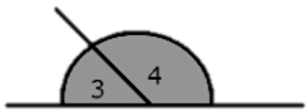
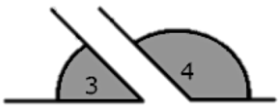
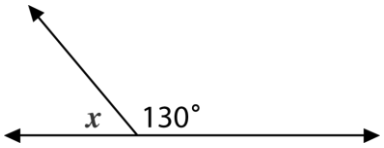
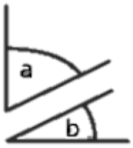
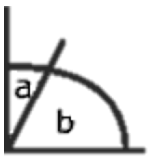
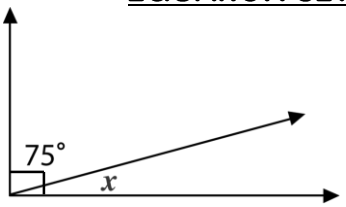
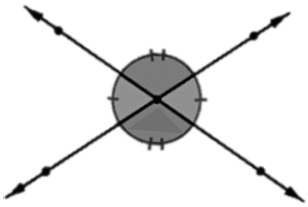
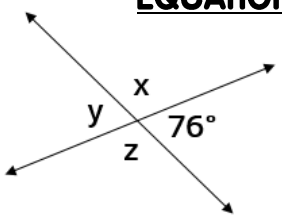
Topic: Angle Pair Relationships Date: _____

Learning Objective(s) _____:

_____

_____

Main Ideas/ Questions	Notes
Supplementary Angles Characteristics	**Supplementary Angles** – Two or more angles with a sum of _____ that can be created with _____ and _____ angles   **Adjacent supplementary angles form a _____ since the angles form a straight _____** **EQUATION SETUP**: _____ + _____ = _____ 
Complementary Angles Characteristics	**Complementary Angles** – Two or more angles with a sum of _____ that can be created with _____ and _____ angles   **Adjacent complementary angles form a _____!** **EQUATION SETUP**: _____ + _____ = _____ 
Vertical Angles Characteristics	**Vertical Angles** – Two angles _____ of each other with the same _____  **Vertical lines are ONLY created by two _____ lines!** **EQUATION SETUP**: _____ = _____ 

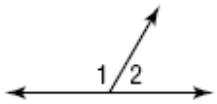
Topic: Types of Angles & Angle Pair Relationships **Date:** _____

Main Ideas/ Questions
Examples

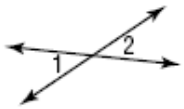
Notes

Find the measure of ALL numbered angles.

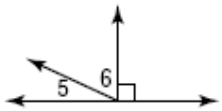
8. $m\angle 2 = 57$



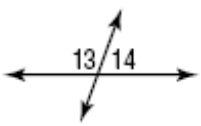
9. $m\angle 1 = 38$



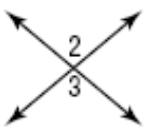
10. $m\angle 5 = 22$



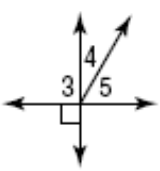
11. $m\angle 13 = 4x + 11$,
$m\angle 14 = 3x + 1$



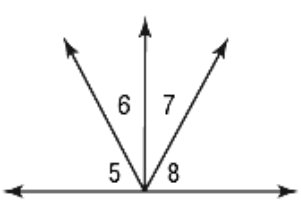
12. $m\angle 2 = 4x - 26$,
$m\angle 3 = 3x + 4$



13. $m\angle 4 = 2x - 5$
$m\angle 5 = 4x - 13$



14. $\angle 7$ and $\angle 8$ are complementary. $\angle 5 \cong \angle 8$ and $m\angle 6 = 29$.



Summary
Summarize the lesson in your own words with the help of the guided questions.

What types of angle pair relationships are there? How can you use angle pair relationships to solve for other angle measures?