Name: _____ Per:_____

Geometry Vocab. Review Worksheet

1. Match the vocabulary. This is extremely important and WILL be on the test! ☺

_____ same size, shape, and measure	A. Point
_____ points where a line segment ends	B. Line
_____ the point of an angle, where the two rays meet	C. Plane
_____ flat surface	D. Coplanar lines
_____ angle between 0° and 90°	E. Skew lines
_____ the sum of two angles is 180°	F. Line segment
_____ an infinite length of points	G. Endpoints
_____ a line that starts at a point and extends infinitely	H. Arc
_____ angle between 90° and 180°	I. Congruent line segments
_____ when two lines intersect at 90 degree angles	J. Congruent
_____ divide into two equal parts	K. Intersection
_____ part of a line	L. Ray
_____ lines that are NOT on the same plane	M. Vertex
_____ angles that share a common vertex and side	N. Acute angle
_____the point where two or more lines cross	O. Right angle
_____ line segments with the same length	P. Obtuse angle
_____ angle that is exactly 90°	Q. Straight angle
_____ a location in space	R. Congruent angles
_____ part of a circle, a curve between two points	S. Bisect
_____ two angles that have the same measure	T. Angle Bisector
_____ lines on the same plane	U. Supplementary angles
_____ angles that share a common vertex, across from each other, and have same size	V. Complementary angles
_____ angle that is exactly 180°	W. Perpendicular
_____ the sum of two angles is 90°	X. Adjacent angles
_____ cut an angle into two equal pieces	Y. Vertical angles

2. Match the symbol to the correct word.

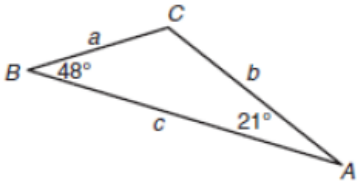
_____ Line	A. 
_____ Line segment	B. 
_____ Ray	C. 
_____ Congruent	D. 
_____ Perpendicular	E. ≅
_____ Angle	F. (°)
_____ Degree	G.

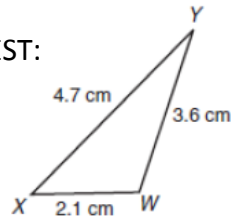
3. Explain how $\overrightarrow{OP}$ is different than $\overrightarrow{PO}$ from the line 

4. The measure of $\angle A$ is 46°.

   a. What is the measure of its complementary angle?
   b. What is the measure of its supplementary angle?

5. The measure of ∠B is 80°.
   a. What is the measure of its complementary angle?
   b. What is the measure of its supplementary angle?

6. List the side lengths from SHORTEST to LONGEST: 

7. List the angles from SMALLEST to BIGGEST: 

8. Solve for x: