**Classwork:** Vocabulary checklist (should all be in your notebook)

*What do they mean and what is the standard notation?*

**Notation**

1.  How do we describe ‘undefined terms’?

* Point
* Line
* Plane

2.  What are the basic geometry terms involving points, lines, and line segments?

* Collinear set of points
* Non-collinear
* Coplanar
* Line segment
* Distance between two points (on the real number line)
* Length/measure of a line segment
* Congruent segments

3.  What are the basic geometry terms involving rays and angles?

* Rays
* Opposite rays
* Angle
* Straight angle
* Right angle
* Obtuse angle
* Acute angle
* Interior/exterior of an angle

4.  What are the types of angle pairs?

* Complementary angles
* Supplementary angles
* Linear pair
* Adjacent angles
* Vertical or opposite angles

5.  What are congruent angles? How do we solve problems involving angle bisectors, adding angles, and subtracting angles?

* Congruent angles
* Angle bisector
* Parallel lines
* Perpendicular lines
* Angle addition postulate

6.  How do we determine the midpoint of a line segment in order to solve problems?

* Midpoint
* Bisector of a line segment

7. How do we do basic constructions? Include: equilateral triangle, copy line segment, copy angle, perpendicular bisector [next: bisect angle, perpendicular through point on line; through point not on line]

* Sketch
* Draw
* Geometric Construction
* Straightedge
* Compass

How do we determine the coordinates of a point in the plane?

* Coordinate plane
* x-axis; y-axis
* origin, coordinates, ordered pairs
* Quadrant I, II, III, & IV

8.  What are the different types of triangles?

* Polygon
* Triangle
* Scalene, Isosceles, Equilateral Triangles
* Acute, Obtuse, Right Triangles
* Equiangular

9.  How do we apply the Triangle Sum Theorem in order to solve geometry problems?

10.  How do we solve problems using the Pythagorean Theorem (12-9)?

* Pythagorean Triple

11.  How do we solve problems using the Distance Formula?