Advanced Geometry Test #2 Topics

* Proving triangles congruent
	+ SSS
	+ SAS
	+ ASA
	+ AAS
	+ HL
* CPCTC and beyond
	+ Median of a triangle
	+ Altitude of a triangle
	+ Circles (All radii of a circle are congruent)
* Detour Proofs
* Missing Diagram Proofs
	+ Draw diagram
	+ Write “Given” and “Prove”
	+ Write proof
* Types of Triangles
	+ Acute, right, obtuse, equiangular
	+ Scalene, isosceles, equilateral
* Equidistance Theorems
* No-Choice Theorems
* Right Angle Theorem (If two angles are supp and congruent, then they are right angles)
* Triangle Application Theorems
	+ Exterior and interior angles
* Transformations
	+ Reflections
	+ Translations
	+ Rotations
* **STUDY YOUR INDEX CARDS!!!**

***The test will consist of multiple choice, fill-in-the-blank, short answer, and proofs.***

**Review Problems**

p. 162 #2, 3, 5, 6, 7

p. 165 #5, 6, 11, 15, 22a

p. 174 #12

p. 182 #2

p. 206 #2, 3, 6, 13