



## **Preparing for the SAT Math Text**

A Six-Week Summer Course

July 24 – October 2, 2010

### **Week One: Math Skills & Algebra – Problem Solving**

- i) Diagnostic Test
- ii) Problem solving & Strategies
- iii) Numbers & Operations
- iv) Practice Test 1 - HW

### **Week Two: Geometry – Triangles & Circles**

- i) Review Practice Test 1
- ii) Geometry & Measurements (vertical angles, transversals, etc)
- iii) Special triangles
- iv) Practice Test 2

### **Week Three: Geometry – Congruent Triangles**

- i) Review Practice Test 2
- ii) Proving triangles are congruent – SSS, SAS, ASA, & AAS (Postulates & Theorems)
- iii) Circles – chords, secants, tangents, equation of a circle, etc
- iv) Practice Test 3

### **Week Four: Geometry – Areas & Similar Polygons**

- i) Review Test 3
- ii) Inscribed polygons
- iii) Similar Polygons – SSS & SAS –Theorems
- iv) Proportions & Similar Triangles
- v) Practice Test 4

### **Week Five: Statistics & Probability**

- i) Review Test 4
- ii) Counting and Permutations
- iii) Probability
- iv) Data analysis (tables, graphs, etc)
- v) Practice Test 5

### **Week Six: Final Review**