

**Topics to Study
for
Geometry Common Assessment #3
Marlboro Township Public Schools
Level 8 accelerated**

Unit 3 (Chapters 7 and 8)

<u>NJSLS</u>	<u>Chapter</u>	<u>Lesson</u>	<u>Lesson Topic</u>
G.MG.A.3	Chapter 7	Lesson 1	Ratios and Proportions
G.SRT.A.2	Chapter 7	Lesson 2	Similar Polygons
G.SRT.B.4, G.SRT.B.5	Chapter 7	Lesson 3	Similar Triangles
G.SRT.B.4, G.SRT.B.5	Chapter 7	Lesson 4	Parallel Lines and Proportional Parts
G.SRT.B.4, G.SRT.B.5	Chapter 7	Lesson 5	Parts of Similar Triangles
G.SRT.A.2, G.SRT.B.5	Chapter 7	Lesson 6	Similarity Transformations
G.MG.A.3	Chapter 7	Lesson 7	Scale Drawings and Models
G.SRT.B.4, G.SRT.B.5	Chapter 8	Lesson 1	Geometric Mean
G.SRT.C.8, G.MG.A.3	Chapter 8	Lesson 2	The Pythagorean Theorem and Its Converse
G.SRT.C.6	Chapter 8	Lesson 3	Special Right Triangles
G.SRT.C.6, G.SRT.C.7	Chapter 8	Lesson 4	Trigonometry
G.SRT.C.8	Chapter 8	Lesson 5	Angles of Elevation and Depression
G.SRT.D.9, G.SRT.D.10	Chapter 8	Lesson 6	The Law of Sines and Law of Cosines
G.GPE.B.6	Chapter 8	Lesson 7	Vectors