ShareWorld Learning Center 新學友教育學習中心
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Summer 2010 Geometry

Instructor: Michael Lee
Schedule: Tuesday & Thursday, 3:00-5:00 pm
Textbook: California Geometry, ISBN-13: 978-0-03-092345-6, ISBN-10: 0-03-092345-X

Date	Syllabus	Date	Syllabus
06-22	1.1 Understanding Points, Lines, and Planes 1.2 Measuring and Constructing Segments 1.3 Measuring and Construction Angles 1.4 Pairs of Angles Homework: P.60~62 #4~24	06-24	Quiz (1.1~1.4) 1.5 Using Formulas in Geometry 1.6 Midpoint and Distance in the Coordinate Plane 1.7 Transformations in the Coordinate Plane Homework: P.60~63 #1~3, 25~40
06-29	Test (Chapter 1) 2.1 Using Inductive Reasoning to Make Conjectures 2.2 Conditional Statements 2.3 Using Deductive Reasoning to Verify Conjectures 2.4 Biconditional Statements and Definitions Homework: P.130~132 #5~34 (odd)	07-01	Quiz (2.1~2.4) 2.5 Algebraic Proof 2.6 Geometric Proof 2.7 Flowchart and Paragraph Proofs Homework: P.130~133 #1~4, 35~47 (odd), 48, 49, 50, 51
07-06	Test (Chapter 2) 3.1 Lines and Angles 3.2 Angles Formed by Parallel Lines and Transversals 3.3 Proving Lines Parallel 3.4 Perpendicular Lines Homework: P.202~204 #6~24	07-08	Quiz (3.1~3.4) 3.5 Slopes of Lines 3.6 Lines in the Coordinate Plane Homework: P.202~205 #1~5, 25~35
07-13	Test (Chapter 3) 4.1 Classifying Triangles 4.2 Angle Relationships in Triangles 4.3 Congruent Triangles	07-15	Quiz (4.1~4.3) 4.4 Triangle Congruence: SSS and SAS 4.5 Triangle Congruence: ASA, AAS

	Homework: P.284~285 #4~11		and HL 4.6 Triangle Congruence: CPCTS 4.7 Introduction to Coordinate Proof 4.8 Isosceles and Equilateral Triangles Homework: P.284~287 #1~3, 12, 14, 15, 17, 20, 22, 23, 25, 28, 29, 30
07-20	Test (Chapter 4) 5.1 Perpendicular and Angle Bisectors 5.2 Bisectors of Triangles 5.3 Medians and Altitudes of Triangles 5.4 The Triangle Midsegment Theorem Homework: P.366~368 #5~36 (odd)	07-22	Quiz (5.1~5.4) 5.5 Indirect Proof and Inequalities in One Triangle 5.6 Inequalities in Two Triangles 5.7 The Pythagorean Theorem 5.8 Applying Special Right Triangles Homework: P.366~369 #1~4, 37~62 (odd)
07-27	Test (Chapter 5) 6.1 Properties and Attributes of Polygons 6.2 Properties of Parallelograms 6.3 Conditions for Parallelograms Homework: P.438~439 #5~33 (odd)	07-29	Quiz (6.1~6.3) 6.4 Properties of Special Parallelograms 6.5 Conditions for Special Parallelograms 6.6 Properties of Kites and Trapezoids Homework: P.438~441 #1~4, 35~67 (odd)
08-03	Test (Chapter 6) 7.1 Ratio and Proportion 7.2 Ratios in Similar Polygons 7.3 Triangle Similarity: AA, SSS, and SAS Homework: P.504~505 #5~17, 19	08-05	Quiz (7.1~7.3) 7.4 Applying Properties of Similar Triangles 7.5 Using Proportional Relationships 7.6 Dilations and Similarity in the Coordinate Plane Homework: P.504~506 #1~4, 21~29, 33
08-10	Test (Chapter 7) 8.1 Similarity in Right Triangles 8.2 Trigonometric Ratios 8.3 Solving Right Triangles Homework: P.572~573 #6~19	08-12	Quiz (8.1~8.3) 8.4 Angles of Elevation and Depression 8.5 Low of Sines and Law of Cosines 8.6 Vectors Homework: P.572~575 #1~5, 20~27, 28, 30, 31, 34, 36