

## Geometry Homework Assignments

<b>Date Assigned</b>	<b>Assignment</b>	<b>Completed</b> (Test: time started)	<b>Checked</b> (Test: time finished)	<b>Reworked Errors</b>
<b>Summer</b>	Read and do exercises on pp 1-6			
	1.1: 1, 2, 3, 6 – 10, 13 – 16, 19 – 22, 27 (this means Ch 1, Lesson 1, problems 1, 2, 3, 6 through 10, etc.)			
	1.2: 1 – 4, 6 – 10, 13 – 19, 24 – 34			
	1.3: 1 – 7, 10 – 20, 23 – 30, 34			
	1.4: 1, 2, 5 – 16, 22 – 27, 29 – 36			
	1.5: 1 – 15			
	1.S: 1 – 14, 18 – 26, III.1 – 5			
	1.A: 1 – 25, 27, 30, 34, 35, 36, 39 – 42, 45, 46, 48, 49, 50			
	Read Lessons 2.1 – 2.3			
<b>9/8</b>	1.T – (1 hr)			
	2.1 – Conditional Statements: 4 – 14, 16, 17, 18, 20 – 26, 31 – 33			
	2.2 – Definitions: 1 – 4, 9 – 11, 18 – 27, 34, 35			
	2.3 – Direct Proof: 4 – 12, 15, 16, 19, 20, 26 – 32			
	Read Lessons 2.4 – 2.6			
<b>9/15</b>	2.4 – Indirect Proof: 3, 5 – 8, 11 – 16, 18 – 21			
	2.5 – A Deductive System: 1, 2, 4, 5, 8 – 25, 32 – 41, (III opt)			
	2.6 – Famous Theorems: 1 – 7, 11 – 17, 21 – 25, 30 – 37, 41, 42			
	2.S: 1 – 19, 28 – 37, 40 – 49			
	2.A: all			
	Read Lessons 3.1 – 3.3			
<b>9/22</b>	2.T – (1 hr)			
	3.1 – Number Operations and Equality: 1 – 5, 8 – 10, 13 – 17, 20 – 30, 36 – 43			
	3.2 – Ruler and Distance: 1 – 3, 6 – 11, 16 – 19, 23 – 41, 45 – 47, III			
	3.3 – Protractor and Angle Measure: 1 – 3, 11 – 15, 18, 19, 21 – 24, 26 – 43, 48 – 54			
	3.A: all			
	Read Lessons 3.4 – 3.7			
<b>9/29</b>	3.4 – Bisection: 1 – 11, 24 – 30, 31 – 47, PE.1			
	3.5 – Complementary and Supplementary Angles: 1 – 7, 15 – 25, 32 – 35, 40 – 46, PE.2			
	3.6 – Linear Pairs and Vertical Angles: 4 – 10, 16 – 39, 44 – 48, PE.4, 8			
	3.7 – Perpendicular and Parallel Lines: 1 – 12, 17 – 27, 32 – 44, PE 10, 14			
	3.S: 1 – 14, 17 – 25, 29 – 31, 36 – 45, 48 – 57, PE.15			
	Read Lessons 4.1 – 4.3			
<b>10/6</b>	3.T – (1 hr)			
	4.1 – Coordinates and Distance: 1 – 10, 16 – 22, 26 – 30, 35 – 44, 47 – 49, III, PE.18			

	4.2 – Polygons and Congruence: 1 – 5, 8 – 19, 25 – 32, 35 – 39, 41 – 43, 48 – 55			
	4.3 – ASA and SAS Congruence: 1 – 21, 27 – 32, 38 – 47, PE.19, 20, 24			
	Read Lessons 4.4 – 4.6			
<b>10/13</b>	4.4 – Congruence Proofs: 1 – 7, 12 – 21, 26 – 29, 31 – 40 (don't do the "34 . (continued)" problems that are past 4.4.40), III			
	4.5 – Isosceles and Equilateral Triangles: 1 – 11, 14 – 26, 29 – 40, 43 – 45, 48, PE.32, 36			
	4.6 – SSS Congruence: 1 – 10, 15 – 35, 44 – 51, PE.42, 45			
	4.A: all			
	Read Lessons 4.7 – 5.2			
<b>10/20</b>	4.7 - Constructions: 5 – 12, 17 – 29, 34 – 40, PE.47, 48			
	4.S: 1, 4 – 6, 12 – 24, 29 – 38, 43 – 52, PE.50, 55			
	4.T – (1 hr)			
	5.1 – Properties of Inequalities: 1 – 4, 7 – 36, 45 – 48, PE.58			
	5.2 – Exterior Angle Theorem: 1 – 13, 19 – 38, 46 – 51, PE.60, 61, 65			
	Read Lessons 5.3 – 6.1			
<b>10/27</b>	5.3 – Triangle Side and Angle Inequalities: 3 – 18, 23 – 28, 36 – 49, PE.66, 67, 70			
	5.4 – Triangle Inequality Theorem: 1 – 9, 15, 16, 21 – 31, 33 – 43, PE.72, 75			
	5.S: (1, 2 – opt), 3 – 8, 15 – 25, 31 – 33, 39, 41 – 50, PE.79, 80, 83			
	5.T: (1 hr)			
	6.1 – Line Symmetry: 1 – 17, 21 – 29, 33 – 40, 42 – 45, III			
	Read Lessons 6.2 – 6.4			
<b>11/3</b>	5.A: all			
	6.2 – Proving Lines Parallel: 1 – 6, 14 – 40			
	6.3 – Parallel Postulate: 5 – 18, 25 – 45, PE.89, 91			
	6.4 – Parallel Lines and Angles: 1 – 6, 8 – 13, 15, 16, 22 – 33, 36 – 47, PE.93, 94			
	Read Lessons 6.5 – 7.1			
<b>11/10</b>	6.5 – Angles of a Triangle: 1 – 4, 9 – 21, 27 – 46, III			
	6.6 – AAS and HL Congruence: 6 – 13, 18 – 30, 41 – 54, PE.100, 102			
	6.S: 1 – 21, 33 – 38, 43 – 45, 55, PE.106, 108			
	7.1 – Quadrilaterals: 1 – 9, 12 – 20, 23 – 36, 46 – 59, PE.111, 112			
	Read Lessons 7.2 – 7.4			
<b>11/17</b>	6.A: all			
	6.T: (1 hr)			
	7.2 – Parallelograms and Point Symmetry: 1 – 5, 6 (opt), 7 – 23, 31 – 46, PE 116, 119			
	7.3 – More on Parallelograms: 5 – 28, 36 – 46, PE.120, 123, 125			

	7.4 – Rectangles, Rhombuses, and Squares: 1 – 6, 11 – 18, 26 – 39, 47 – 50, PE 127, 128, 130			
	7.A: all			
	Read Lessons 7.5 – 7.6			
<b>11/24</b>	No Cornerstone – Give Thanks!!			
<b>12/1</b>	7.5 – Trapezoids: 6 – 42, 46 – 52, PE 132, 136, 137			
	7.6 – Midsegment Theorem: 1 – 5, 16 – 36, 49 – 54, III, PE.139, 140			
	7.S: 1 – 8, 19 – 40, 54 – 57, 59 – 61, PE.144, 145			
	7.T: (1 hr)			
	Read Lessons 8.1 – 8.3			
<b>12/8</b>	8.1 - Transformations: 1 – 5, 8, 11, 12, 15, 18 – 33, 42 – 58			
	8.2 – Reflections: 6 – 23, 26 – 38, 44 – 52			
	8.3 – Isometries and Congruence: 8 – 12, 14 – 25, 41 – 48			
	Midterm Review: 3 – 13, 16 – 33, 48 – 51, 56 – 61			
	Read Lesson 8.4			
<b>12/15</b>	8.4 – Transformations and Symmetry: 1 – 4, 7 – 11, 22 – 28, 32 – 44			
	8.S: 3 – 6, 11 – 14, 19 – 22, 25, 26, 28 – 43, 50			
	8.T: (1 hr)			
	Midterm Review cont'd: 34 – 39, 62 – 67, 77 – 82, 90 – 102, 109 – 113, 116 – 123, PE.147. 148			
	Midterm (2 hours)			
	Read lessons 9.1 – 9.3			

<b>1/5</b>	9.1 - Area: 4 – 19, 25 – 27, 44 – 55, PE.149			
	9.2 – Square and Rectangles: 1 – 4, 7 – 9, 11 – 17, 22 – 27, 40 – 51, 56, 57, PE.150			
	9.3 – Triangles: 6 – 9, 15 – 25, 35 – 45, 55 – 59, III.1 – 5			
	9.A – Fractional equations: all			
	Back of worksheet: 22 – 24, 27 – 29			
	Read Lessons 9.4 – 10.1			
<b>1/12</b>	9.4 – Parallelograms and Trapezoids: 6 – 22, 30 – 36, 43 – 53			
	9.5 – Pythagorean Theorem: 4 – 18, 23 – 26, 33 – 51			
	9.S: 4 – 20, 33 – 38, 41 – 49, 53, 54, Back of worksheet: 25, 26 (Bonus! 30 – 32)			
	9.T: (1 hr)			
	10.1 – Ratio and Proportion: 1 – 11, 18 – 26, 31 – 40, 48 – 54			
	Read Lessons 10.2 – 10.3			
<b>1/19</b>	10.2 – Similar Figures: 1 – 8, 15 – 19, 24 – 40, 48 – 51, PE.152, 153, 154			
	10.3 – Side-Splitter Theorem: 4 – 6, 13 – 21, 26 – 33, 41 – 48, III, PE.155			
	10.4 – AA Similarity Theorem: 1 – 4, 7, 8, 19 – 36, 43 – 47, 49, III optional, PE.159			
	10.A – Quadratic Equations AND Solving Formulas (turn the page): all			
	Read Lessons 10.5 – 11.1			
<b>1/26</b>	10.5 – Proportions and Dilations: 1 – 14, 19 – 24, 31 – 50, PE.160			
	10.6 – Perimeters and Areas of Similar Figures: 1 – 9, 19 – 24, 28 – 30, 44 – 55, PE.161, 162			
	10.S: 1 – 4, 11 – 14, 24 – 33, 39 – 62, PE.164, 165			
	10.T: (1 hr)			
	11.1 – Proportions in a Right Triangle: 8 – 16, 19 – 31, 38 – 45, 48 – 51, PE.166, 167			
	Read Lessons 11.2 – 11.4			
<b>2/2</b>	11.2 – Pythagorean Theorem Revisited: 1 – 9, 18, 21 – 41, 53 – 57, III optional, PE.169			
	11.3 – Isosceles and 30°-60° right triangles: 1 – 14, 16, 18 – 22, 30, 31, 34, 35, 38 – 47, 53 – 57, PE.168			
	11.4 – Tangent Ratio: 1 – 9, 17 – 29, 31 – 38, 41 – 43, 48 – 52, 55 – 58, PE.170, 171			
	11.A – Graphing Linear Equations: all			
	Read Lessons 11.5 – 11.7			
<b>2/9</b>	11.5 – Sine and Cosine Ratios: 7 – 40, 43, 44, 54, 55, PE.173			
	11.6 – Slope: 1 – 11, 17 – 35, 47 – 59, PE.174, 175			
	11.7 – Laws of Sines and Cosines: 1, 2, 5, 8 – 13, 15, 16, 18 – 45, PE.176			
	11.S: 1 – 3, 6, 7, 9, 10, 15 – 20, 23 – 37, 42 – 47, 51 – 53, 56 – 60, PE.177			

	Trigonometric ratio worksheet			
	11.T: (1 hr)			
	Read Lessons 12.1 – 12.3			
<b>2/16</b>	PRESIDENT'S DAY – NO CORNERSTONE			
<b>2/23</b>	12.1 – Circles, Radii, and Chords: 1 – 5, 10, 11, 23 – 31, 37 – 39, 43 – 47, PE.178, 180			
	12.2 - Tangents: 4 – 22, 24 – 34, 46 – 53, PE 183, 185			
	12.3 – Central Angles and Arcs: 1 – 13, 23 – 29, 43, 45, 46			
	12.A – Solving Systems of Equations: all			
	Read Lessons 12.4 – 12.6			
<b>3/2</b>	12.4 – Inscribed Angles: 1 – 5, 14 – 18, 22 – 32, 35 – 42, 48 – 54, PE.188, 191, 193			
	12.5 – Secant Angles: 5 – 16, 22 – 32, 45 – 55, PE.195, 197			
	12.6 – Tangent Segments and Intersecting Chords: 1 – 5, 18 – 27, 35, 36, 38 – 52, PE.200, 204			
	12.S: 9 – 22, 45 – 50, 55 – 62, PE.207, 208			
	Read Lessons 13.1 – 13.3			
<b>3/9</b>	12.T: (1 hr)			
	13.1 – Triangles and Circles: 1 – 6, 15 – 21, 26 – 29, 32, 41 – 53, PE.211, PE.213			
	13.2 – Cyclic Quadrilaterals: 1 – 12, 18 – 31, 39 – 57, PE.214, PE.216			
	13.3 – Incircles: 3 – 19, 27, 28, 48 – 62, (63 opt), PE.218			
	Read Lessons 13.4 – 14.1			
<b>3/16</b>	13.4 – Centroid of a Triangle: 1 – 4, 13 – 25, 27 – 46, (55, 56 opt), PE.219			
	13.5 – Ceva's Theorem: 1 – 5, 7, 9, 18 – 27, 37 – 59, PE.222, PE.223			
	13.6 – Napoleon's Discovery etc.: 1 – 34, 43 – 63, P.224			
	13.S: 5 – 16, 23 – 27 (incl 23 cont'd), 32 – 49, 55 – 59, 64 – 67, PE.225			
	Read Lessons 14.1 – 14.3			
<b>3/23</b>	13.T: 1 hr, do not erase compass marks!			
	14.1 – Regular Polygons: 1 – 3, 7 – 17, 33 – 61, PE.226			
	14.2 – Perimeter of a Regular Polygon: 1 – 9, 15 – 40, 49 – 58, PE.227			
	14.3 – Area of a Regular Polygon: 1 – 11, 20 – 40, 52 – 58, PE.228			
	Read Lessons 14.4– 14.6			
<b>3/30</b>	14.4 – From Polygons to Pi: 1 – 3, 7 – 18, 26, 27, 35 – 42, 49 – 56, (III opt), PE.229			
	14.5 – Area of a Circle: 1 – 5, 13 – 16, 18 – 24, 31 – 46			
	14.6 – Sectors and Arcs: 1 – 11, 18 – 22, 26 – 30, 34 – 40, 57 – 70, PE.230			
	14.S: 4 – 20, 23 – 31, 44 – 64, PE.231			
	Read Lessons 15.1 – 15.3			
<b>4/6</b>	14.T - 1 hr			

	15.1 – Lines and Planes in Space: 7 – 30, 36, 38 – 50, P.232			
	15.2 – Rectangular Solids: 1 – 8, 14 – 19, 21 – 24, 32 – 41, (42 opt), 43 – 49, 51, (III opt)			
	15.3 – Prisms: 4 – 18, 28 – 37, 42 – 49, PE.233			
	Read Lessons 15.4 – 15.6			
<b>4/13</b>	No Cornerstone – Happy Easter!			
<b>4/20</b>	15.4 – Volume of a Prism: 1 – 9, 13 – 23, 27, 28, 31 – 46, 54 – 56, 61, 62			
	15.5 – Pyramids: 6 – 17, 33 – 40, 48 – 56, (III opt), PE.234			
	15.6 – Cylinders and Cones: 10 – 20, 27 – 31, 36 – 45, 50 – 59			
	Final Review: 10 – 24, 27 – 30, 39 – 50, 112 – 128			
	Read Lessons 15.7 – 15.9			
<b>4/27</b>	15.7 – Spheres: 7 – 15, 19 – 31, 38 – 49, PE.235			
	15.8 – Similar Solids: 6,7,10 – 15, 19 – 21, 27 – 36, 47 – 51, 54, 57 – 60, PE.238			
	15.9 – Regular Polyhedra: 1, 2, 6 – 27, 37 – 42, 47 – 60			
	15.S: 9, 10, 13 – 19, 25 – 42, 46 – 56, PE.239			
	15.T: 1 hour – please attach self addressed stamped envelope so I can return it to you. (test can be mailed to me by 5/15, and I will grade and mail it back to you)			
	Final Review: 35 – 38, 66 – 71, 79 – 82, 89 – 92, 96 – 101, 105 – 111, 134 – 140, 153 – 157, P.240			
<b>5/4</b>	Math Fun Day			
	Final Test (graded at home)			