

Geometry - Semester 1 Concept Checklist

#	Concept	Textbook Sections	5	6	7	8	9	10
1	Basic Geometric Figures	1.2						
2	Segment and Angle Measures	1.3, 1.4						
3	Angle Relationships	1.5						
4	Distance, Midpoint, and Perimeter	1.7, 1.8						
5	Using Reasoning	2.1, 2.2, 2.3, 2.4						
6	Proofs about Segments and Angles	2.5, 2.6						
7	Parallel Lines and Angle Pairs	3.1, 3.2, 3.3						
8	Slopes of Parallel and Perpendicular Lines	3.4, 3.6, 3.7, 3.8						
9	Classify Triangles and Triangle Angle Sum	3.5, 4.5						
10	Congruent Triangles	4.1, 4.2, 4.3, 4.4, 4.6, 4.7						
11	Bisectors, Medians, and Altitudes	5.1, 5.2, 5.3, 5.4						
12	Constructions	1.6						
13	Triangle Inequalities	5.6, 5.7						
14	Classify Polygons and Polygon Angle-Sum	6.1						
15	Parallelograms	6.2, 6.3						
16	Rectangles, Rhombuses, Squares, Kites, and Trapezoids	6.4, 6.5, 6.6, 6.7						

Geometry - Semester 2 Concept Checklist

#	Concept	Textbook Sections	5	6	7	8	9	10
17	Similar Figures	7.1, 7.2, 7.3						
18	Proportions in Triangles	7.4, 7.5						
19	Pythagorean Theorem	8.1						
20	Trigonometry	8.3, 8.4						
21	Congruence Transformations	9.1, 9.2, 9.3, 9.4, 9.5						
22	Similarity Transformations	9.6, 9.7						
23	Area of Triangles and Quadrilaterals	10.1, 10.2						
24	Area of Regular Polygons	10.3, 10.5						
25	Circles, Sectors, and Arcs	10.6, 10.7						
26	Cross-Sections and Surface Area	11.1, 11.2, 11.3, 11.6						
27	Volume	11.4, 11.5, 11.6						
28	Arcs, Chords, and Angles	12.2, 12.3						
29	Tangents and Secants	12.1, 12.4						
30	Equations of Circles	12.5						
31	Counting Methods and Probability	13.1, 13.3, 13.4, 10.8						