

Geometry - Chapter 1

Basics of Geometry

Date	Section	Title	Assignment
_____	.5	Prerequisite Skill Review; Strategies for Reading Math	Chapter 1 Resource Book p. 5 p. 7
_____	1.1	Patterns and Inductive Reasoning	pp. 6-9 12-26 even, 27, 28-46 even, 47-51
_____	1.2	Points, Lines, and Planes	pp. 13-16 9, 12, 15, . . . 42, 44-51, 56-66 even, 68-75
_____	1.3, day 1	Segments and Their Measures	pp. 21-22 14-22 even, 23-32, 34, 38, 40
_____	1.3, day 2	Segments and Their Measures, cont.	pp. 23-24 46, 47, 48, 52, 53, 54, 55, 56
_____	1.4	Angles and Their Measures	pp. 29-32 17-22, 26-37, 38-52 even, 62-76 even
_____	1.5, day 1	Segment and Bisectors	pp. 38-39 1-13, 31-33, 37-42
_____	1.5, day 2	Segment and Bisectors, cont.	pp. 38-40 14, 16, 18, 20, 26, 28, 34, 36, 44-54
_____	1.6, day 1	Angle Pair Relationships	pp. 47-48 8-36
_____	1.6, day 2	Angle Pair Relationships, cont.	pp. 48-50 37-54, 57, 58, 64, 65
_____	1.7, day 1	Intro to Perimeter, Circumference, Area	pp. 55-56 10-20 even, 21-33
_____	1.7, day 2	Intro to Perimeter, Circumference, Area, cont.	pp. 56-58 34-36, 38-49, Quiz 3
_____	Review	Review of Chapter 1	pp. 60-62 1-33 p. 64 1-9
_____	Assess	Test C Chapter 1	

Geometry - Chapter 2

Reasoning and Proof

Date	Section	Title	Assignment
_____	2.1	Conditional Statements	pp. 75-78 10-50 even, 55, 56
_____	2.2, day 1	Definitions and Bi-conditional Statements	pp. 82-83 13-31
_____	2.2, day 2	Definitions and Bi-conditional Statements, cont.	pp. 83-85 32-54 even, 55, 60-68 even
_____	2.3, day 1	Deductive Reasoning	pp. 91-93 8-24 even, 30-42 even, 45-48
_____	2.3, day 2	Deductive Reasoning, cont.	pp. 91-95 11, 15, 21, 23, 31, 33, 37, 50, 51, 56-63
_____	2.4	Reasoning with Properties from Algebra	pp. 99-101 10-15, 16-28 even, 32
_____	2.5, day 1	Proving Statements about Segments	pp. 105 6-11
_____	2.5, day 2	Proving Statements about Segments, cont.	pp. 105-107 12-18, 21, 22, 30, 32, 34, 38
_____	2.6, day 1	Proving Statements about s	pp. 113-115 10-22, 29, 30
_____	2.6, day 2	Proving Statements about s,	pp. 114-116 23-28, 33-36, 42-45 Quiz 2 Self-Test 2, 6, 7, 9
_____	Assess	Quiz 2	pp. 118-120 1-21
_____	Review	Review	Review pp. 122-123 1-11
_____	Assess	Test B	

Geometry - Chapter 3

Perpendicular and Parallel Lines

Date	Section	Title	Assignment
_____	3.1	Lines and Angles	pp. 132-134 10-36, 38-42, 47, 50, 54, 60, 61
_____	3.3, day 1	Parallel Lines and Transversals	pp. 146-147 8-27
_____	3.3, day 2	Parallel Lines and Transversals, cont.	pp. 148-9 28-44
_____	3.4	Proving Lines are Parallel	pp. 153-156 10-26 even, 27-35
_____	3.5, day 1	Using Properties of Parallel Lines	pp. 160-161 8-24, 38, 42
_____	3.5, day 2	Using Properties of Parallel Lines, cont.	pp. 161-163 25-37, 39-41, 44, 50, 52 Quiz 2 (Self-Test) p. 164
_____	3.6, day 1	Parallel Lines in the Coordinate Plane	pp. 168-169 11-26
_____	3.6, day 2	Parallel Lines in the Coordinate Plane, cont.	pp. 169-171 27-46, 55, 56
_____	3.7	Perpendicular Lines in the Coordinate Plane	pp. 175-178 8-50 even, 51
_____	Review	Review	pp. 180-182 1-24 pp. 184-185 1-10, 16, 17
_____	Assess	Test C Chapter 3	
_____	3.2	Proof and Perpendicular Lines	pp. 139-141 11-23, 26, 27

Geometry - Chapter 4

Congruent Triangles

Date	Section	Title	Assignment
_____	4.1, day 1	Triangles and Angles	pp. 198-201 10-26, 29-39, 41-44, 49, 50
_____	4.1, day 2	Triangles and Angles, cont.	Practice Worksheet C Chapter Resource Book p. 17 and Mixed Review p. 201 52-68
_____	4.2, day 1	Congruence and Triangles	pp. 206-209 10-15, 16-28 even, 38, 44, 50, 54, 56
_____	4.2, day 2	Congruence and Triangles, cont.	Practice Worksheet B (Chapter 4 Resource Book p. 31)
_____	4.3, day 1	Proving Triangles are Congruent: SSS and SAS	pp. 216-217 6-20
_____	4.3, day 2	Proving Triangles are Congruent: SSS and SAS, cont.	pp. 217-219 21-28, 32, 34
_____	4.4, day 1	Proving Triangles Congruent: ASA and AAS	pp. 223-224 8-20
_____	4.4, day 2	Proving Triangles Congruent: ASA and AAS, cont.	pp. 224-225 21-26
_____	4.5	Using Congruent Triangles	pp. 232-235 4-16, 20, 22-23
_____	4.6, day 1	Isosceles, Equilateral, and Right Triangles	pp. 239-240 8-25
_____	4.6, day 2	Isosceles, Equilateral, and Right Triangles, cont.	Practice Worksheet B, Chapter Resource Book, p. 86 and p. 241 33-38, 42, 43
_____	4.7, day 1	Triangles and Coordinate Proof	p. 247 6-19
_____	4.7, day 2	Triangles and Coordinate Proof, cont.	pp. 248-249 20-27, 32, 33
_____	Review	Review	pp. 252-254 1-17 p. 255 17-20
_____	Assess	Test C Chapter 4	

Geometry - Chapter 5

Properties of Triangles

Date	Section	Title	Assignment
_____	5.1, day 1	Perpendiculars and Bisectors	pp. 268-269 8-26
_____	5.1, day 2	Perpendiculars and Bisectors, cont.	Practice Worksheet B p. 271 Mixed Review 41-43, 44-52 even
_____	5.2	Bisectors of a Triangle	pp. 275-276 5-19
_____	5.3, day 1	Medians and Altitudes of a Triangle	pp. 282-283 8-12, 17-23, 26
_____	5.3, day 2	Medians and Altitudes of a -, cont.	Practice Worksheet B p. 44 Chapter Resource Book
_____	5.4	Midsegment Theorem	pp. 290-292 12-18, 20, 26-29, 32, 47-49
_____	5.5, day 1	Inequalities in One Triangle	pp. 298-299 6-23
_____	5.5, day 2	Inequalities in One Triangle, cont.	pp. 299-301 24-33, 35-37
_____	5.6, day 1	Indirect Proof and Inequalities in Two Triangles	pp. 305-307 7-23, 28, 29
_____	5.6, day 2	Indirect Proof and Inequalities in Two Triangles, cont.	pp. 306-307 24-27, 30
_____	Review	Review	pp. 310-312 1-9, 14-16, 18, 20-25
_____	Review	Review	pp. 314-315 1-11 and Additional Review Worksheet
_____	Assess	Test Chapter 5	

Geometry - Chapter 6

Quadrilaterals

Date	Section	Title	Assignment
_____	6.1	Polygons	pp. 325-328 12-52 even
_____	6.2, day 1	Properties of Parallelograms	p. 334 20-38
_____	6.2, day 2	Properties of Parallelograms, cont.	pp. 335-337 40-44, 47-58, 60, 61
_____	6.3, day 1	Proving Quadrilaterals are Parallelograms	pp. 342-343 9-24
_____	6.3, day 2	Proving Quadrilaterals are Parallelograms, cont.	pp. 343-345 26, 29, 30, 32-37
_____	6.4, day 1	Rhombuses, Rectangles, and Squares	pp. 351-352 12-43
_____	6.4, day 2	Rhombuses, Rectangles, and Squares, cont.	p. 353 44-58 even, 59, 60, 66, 67
_____	6.5, day 1	Trapezoids and Kites	pp. 359-362 10-27, 34, 38, 39, 48, 50
_____	6.5, day 2	Trapezoids and Kites, cont.	pp. 360-363 28-33, 36, 46, 51, 52, 57-62
_____	6.6	Special Quadrilaterals	pp. 368-369 16-24, 30-35, 36, 38, 40, 44-47
_____	6.7, day 1	Arcs of Triangles and Quadrilaterals	pp. 376-377 14-34
_____	6.7, day 2	Arcs of Triangles and Quadrilaterals, cont.	pp. 377-379 35-57, 60, 61
_____	6.7, day 3	Arcs of Triangles and Quadrilaterals, cont.	6.7 Interdisciplinary Application, Chapter Resource Book p. 108 and Chapter 6 Games,
_____	Review	Review	pp. 382-384 1-25 and pp. 386-387 5, 7, 10
_____	Assess	Test Chapter 6	

Geometry - Chapter 7

Transformations

Date	Section	Title	Assignment
_____	7.1	Rigid Motion in a Plane	pp. 399-402 12-20, 22-38 even, 42-45
_____	7.2, day 1	Reflections	pp. 407-408 15-32
_____	7.2, day 2	Reflections, cont.	pp. 408-410 36-46, 48-51
_____	7.3, day 1	Rotations	pp. 416-418 13-19, 25-29, 32-35
_____	7.3, day 2	Rotations, cont.	p. 417 22-24, 36-42
_____	7.4, day 1	Translations and Vectors	7.4 Application Lesson Opener, Chapter Resource Book p. 56
_____	7.4, day 2	Translations and Vectors, cont.	pp. 425-427 15-19, 25-30, 32, 34, 40, 42, 44-47
_____	7.5, day 1	Glide Reflections and Compositions	pp. 433-434 9-21
_____	7.5, day 2	Glide Reflections and Compositions, cont.	p. 434 22-26, 29-34, 38
_____	7.6, day 1	Frieze Patterns	pp. 440 8-23
_____	7.6, day 2	Frieze Patterns, cont.	pp. 441-443 26-34, 40-42, 52
_____	Review	Review	p. 449 Chapter Test, p. 450 1-8
_____	Assess	Test Chapter 7	

Geometry - Chapter 8

Similarity

Date	Section	Title	Assignment
_____	8.1	Ratio and Proportion	pp. 461-464 10-46 even, 54-62, 65, 66
_____	8.2	Problem Solving in Geometry with Proportions	pp. 468-471 10-28 even, 29-34, 38-40, 44, 45
_____	8.3, day 1	Similar Polygons	pp. 476-477 8-38
_____	8.3, day 2	Similar Polygons, cont.	pp. 477-478 39-42, 46-48
_____	8.4, day 1	Similar Triangles	pp. 483-484 9-38
_____	8.4, day 2	Similar Triangles, cont.	pp. 484-487 39-53, 55-57
_____	8.5, day 1	Proving Triangles Similar	pp. 492-494 6-28
_____	8.5, day 2	Proving Triangles Similar, cont.	pp. 494 29-35
_____	8.6, day 1	Proportions and Similar Triangles	pp. 502-503 11-28
_____	8.6, day 2	Proportions and Similar Triangles, cont.	pp. 503-505 29, 30, 34-37, 39, 42, 48, 50, 52
_____	8.7, day 1	Dilations	pp. 509-510 8-16, 20, 21, 35, 36; p. 513 Quiz 3 1-8
_____	8.7, day 2	Dilations, cont.	pp. 510-512 17-19, 22-31, 34
_____	Review	Review	pp. 516-518 1-18
_____	Assess	Test Chapter 8	

Geometry - Chapter 9

Triangles and Trigonometry

Date	Section	Title	Assignment
_____	9.1	Similar Right Triangles	pp. 531-532 11-15, 19-30, 32
_____	9.2	The Pythagorean Theorem	p. 538 8-18 even, 19-24, 26, 28-30, 34, 39* *ex. 39 problem similar to 39 is on final
_____	9.3, day 1	The Converse of the Pythagorean Theorem	p. 546 8-28
_____	9.3, day 2	The Converse of the Pythagorean Theorem, cont.	pp. 546-548 29-33, 40, 44, 45
_____	9.4, day 1	Special Right Triangles	pp. 554-555 12-26
_____	9.4, day 2	Special Right Triangles, cont.	pp. 555-557 27-34, 37, 38, 42-49
_____	9.5, day 1	Trigonometric Ratios	pp. 562-563 10-33
_____	9.5, day 2	Trigonometric Ratios, cont.	pp. 563-565 34-42, 46, 48, 50, 53, 54
_____	9.6	Solving Right Triangles	pp. 570-572 11-21, 22-32 even, 34-40
_____	9.7, day 1	Vectors	pp. 576-578 10-24 evens, 25-30
_____	9.7, day 2	Vectors, cont.	pp. 578-579 31-46
_____	Review	Review	pp.582-584 1-25
_____	Assess	Test	

Geometry - Chapter 10

Circles

Date	Section	Title	Assignment
_____	10.1, day 1	Tangents to Circles	pp. 599-600 9-35, 42-45
_____	10.1, day 2	Tangents to Circles, cont.	pp. 600-601 36-41, 46-49; 10.1 Practice Worksheet B Chapter Resource Book p. 17
_____	10.2, day 1	Arcs and Chords	pp. 607-608 12-38, 49-51
_____	10.2, day 2	Arcs and Chords, cont.	pp. 608-610 39-48, 54, 55 and 10.2 Practice C Chapter Resource Book p. 30
_____	10.3, day 1	Inscribed Angles	p. 617 9-14 and 10.3 Practice C Chapter Resource Book p. 44
_____	10.3, day 2	Inscribed Angles, cont.	pp. 617-618 15-29, 35, 41, 42, 43
_____	10.4	Other Relationships in Circles	pp. 624-627 8-34, 42, 43
_____	10.5, day 1	Segment Lengths in Circles	pp. 632-634 10-22, 28, 33, 34, 35
_____	10.5, day 2	Segment Lengths in Circles, cont.	p. 633 23-27, and 10.5 Practice B Chapter Resource Book p. 71
_____	10.6	Equations of Circles	pp. 638-640 8-40 even, 41, 42, 47, 49, 50
_____	10.7	Locus	10.7 Practice A Chapter Resource Book p. 102, Mixed Review p. 647 36-45
_____	Review	Review	pp. 650-652 1-30

Geometry - Chapter 10

Circles

_____	Review	Review, cont	Chapter Review Games and Activities, Chapter Resource Book p. 111, and pp.
_____	Assess	Test Chapter 10	

Geometry - Chapter 11

Angle Measures in Polygons

Date	Section	Title	Assignment
_____	11.1, day 1	Angle Measures in Polygons	p. 665 6-25
_____	11.1, day 2	Angle Measures in Polygons, cont.	pp. 666-668 26-41, 49-54, 58-61
_____	11.2, day 1	Areas of Regular Polygons	pp. 672-673 9-20, 22, 25, 26
_____	11.2, day 2	Areas of Regular Polygons, cont.	pp. 672-675 21, 23, 24, 27-32, 35-39, 47-52
_____	11.3, day 1	Perimeters and Areas of Similar Figures	p. 679-680 7-18
_____	11.3, day 2	Perimeters and Areas of Similar Figures, cont.	pp. 680-681 20, 21, 23-29
_____	11.4, day 1	Circumference and Arc Length	pp. 686-687 15-30
_____	11.4, day 2	Circumference and Arc Length, cont.	pp. 687-689 32-41, 45-48
_____	11.5	Areas of Circles and Sectors	pp. 695-697 10-26 even, 33-37
_____	11.6, day 1	Geometric Probability	p. 702 9-25
_____	11.6, day 2	Geometric Probability, cont.	pp. 703-704 29-34, 37-43
_____	Review	Review	pp. 708-710 2, 4, 6, 8, 9-18, 21, 22, 24-32, 34
_____	Assess	Test Chapter 11	

Geometry - Chapter 12

Surface Area and Volume

Date	Section	Title	Assignment
_____	12.1	Exploring Solids	pp. 723-726 10-46 even, 47-54
_____	12.2	Surface Area of Prisms and Cylinders	pp. 732-734 13-19, 20-46 even
_____	12.3, day 1	Surface Area of Pyramids and Cones	pp. 738-741 14-38 even, 44-46
_____	12.3, day 2	Surface Area of Pyramids and Cones, cont.	12.3 Practice B Chapter Resource Book p. 42
_____	12.4, day 1	Volume of Prisms and Cylinders	pp. 746-747 10-33
_____	12.4, day 2	Volume of Prisms and Cylinders, cont.	pp. 748-749 39-49
_____	12.5, day 1	Volume of Pyramids and Cones	pp. 755-756 8-22
_____	12.5, day 2	Volume of Pyramids and Cones, cont.	pp. 756-758: 23-33 and Quiz 2 Self-Test
_____	12.6, day 1	Surface Area and Volume of Spheres	pp. 762-763 10-26
_____	12.6, day 2	Surface Area and Volume of Spheres, cont.	pp. 763-765 27-29, 35, 36, 38-40, 45-48
_____	12.7, day 1	Similar Solids	pp. 769-771 10-24 even, 25-29
_____	12.7, day 2	Similar Solids, cont.	pp. 771 30-36
_____	Review	Review	pp. 774-776 1-19, p. 778 1-7
_____	Assess	Test Chapter 12	