

Unit 13- Objectives

Objective I- Similarity Theorems

- SSS Similarity Theorem
- AA Similarity Theorem
- SAS Similarity Theorem

Objective II- Special Right Triangles

- Isosceles Right Triangle Theorem
- 30-60-90 Triangle Theorem
- Exact Values

Objective III- Area of Triangles and Regular Polygons

- SAS Triangle Area Formula

Objective IV- Right Triangle Trigonometry

- Sine, Cosine, and Tangent Ratios
- Inverse Trigonometric Ratios
- Application of Right Triangle Trigonometry

Objective V- Distributed Practice

- Units 11 and 12

Unit 13-Assignments

Assign. #	Section	Objective	Page and Problem #	# of Probs.	Due Date
1	13-1	Similarity Theorems (SSS) DP: Chapter 12	Pg. 741 #4-12 Pg 733-34 #3, 4, 9, 10,23,24 Pg 679 #1-4	9 6 4	
2	13-2	Similarity Theorems (AA and SAS) DP: Similarity Theorems (SSS) DP: Formulas	Pg. 747 #3-4, 6-11,12-15 Pg 750 #18 Pg 742 #14 Pg 143 #16-22 (not 18)	12 1 1 6	
3	13-5	Special Right Triangles DP: Similarity Theorems	Pg.769 #6-10, 14-18 Pg. 796 #31-34 Pg. 756 #15-17	10 4 3	
4	13-6	Tangent Ratios DP: Special Right Triangles DP: Similarity Theorems	Worksheet #1 Tangent #19 & 20 #21 & 22	18 2 2	
5	13-6	Applications of Tangent Ratios DP: Special Right Triangles DP: Similarity Theorems	Worksheet #2 LM 13-6B #23-25 #26	14 3 1	
6	13-7	Sine & Cosine Ratios DP: Tangent Ratios	Worksheet #3 Sin & Cos	18 6	
7	13-6 13-7	Applications of Trigonometry Trig Ratios	Pg 775 #10 Pg 782 #14-18 Pg 797 #49-52 Pg 796 #27-30, 37-44	1 3 4 11	
8	13-8	Area of Triangles and Regular Polygons DP: All of Chapter 13	Pg 787 #3-9,11-13 P 792-793 #5,7,13-15,17-20	10 9	