

Pre Calculus Unit 1 Outline – Trig Functions

Lesson 1: Measures of Angles, Lengths of Arcs, Areas of Sectors

HW: p. 358: 1,5,9,13,17,21,25,29,33,35,37
p. 361: 67,68,72

Lesson 2: Trig Ratios of Acute Angles

HW: p. 358: 3,7,11,15,19,23,27,31
p. 361: 69, 70
p. 368: 1,5,9,13,17,29,33,37,61,63

Lesson 3: Right Triangle Trig

HW: p. 368: 3,7,11,15,19,31,35,39,65
p. 383: 1,5,9,17,18,43,45

Lesson 4: Key Angles

HW: p. 368 (19-24; 41-48)
p. 383 3,7,11,19,20,47,48

Lesson 5: The Law of Cosines

HW: p. 383: 25-41 odd; 67-70
p. 494: 1,5,9,13,17,38

Lesson 6: The Law of Sines (Use Law of Cosines for Ambiguous Case)

HW: p. 494: 3,7,11,15,40
p. 484: 1,5,9,13,17,21,38,40

Lesson 7: Review

p. 439 1-10; 17-35; 39, 41, 42, 45-52, 93, 95, 96, 98, 101, 104
p. 497 51-58; 62-64

Lesson 8: Test