

Unit 4: Trigonometry

T1: Determine the values of the trigonometric ratios for angles less than 360° ; prove simple trigonometric identities; solve problems using the primary trigonometric ratios, the sine law and the cosine law.

Lesson	Topic	Homework
4.0	Review of Grade 10 Trigonometry	p.220 #3a, 5b, 6c, 7, 8, 11-13
4.1A	CAST Rule and Angles Greater than 90°	p.237 #1ace, 3bcd, 4ace, 5, 11, 12a
4.1B	CAST Rule and Angles Greater than 90°	Handout 4.1B
4.2	Special Angles and the Unit Circle	p.228 #3b, 6, 17 p.237 #6ace, 7, 9, 10, 16
4.3A	Reciprocal Trigonometric Ratios	p.246 #1af, 2, 4, 5acgh, 6, 7, 8ace, 10, 13, 16
4.3B	Work Period	Handout 4.3B
4.4A	Problems in Two Dimensions	p.254 #2, 5, 6b, 7, 9-12 Challenge problems from last page of lesson
4.4B	Ambiguous Case	p.254 #6a, 14bcd, 16, 21abc
4.5	Problems in Three Dimensions	p.265 #1, 2, 4, 5, 7, 12, 18
4.6A	Trig Identities (Day 1)	p.273 #3bd, 4bd, 5-9, 13, 20 Handout Day 1 Questions
4.6B	Trig Identities (Day 2)	Handout Day 2 Questions
	Review	p.276-279

Test Date: _____