**Unit 3B (Trigonometry 2)**

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| Main Topic/Book Section | Objectives | Assignments |
| 4.7 Inverse Trig Functions | * Define 3 inverse trig functions * Evaluate inverse trig functions using unit circle and calculator * Evaluate compositions of inverse trig and trig functions * Write compositions as algebraic expressions | 1) p. 349 #’s 9-16, 21-23, 51-56  2) p. 350 #’s 59-64, 70, 72, 73 |
| 5.2 and 5.4 Trig Identities | * Verify Identities involving the reciprocal and Pythagorean Identities * Verify trig identities involving sum/difference formulas | 3) worksheet #1  4) Worksheet #2  5) p. 387-388 #'s 10, 17, 21, 22, 30, 39, 40, 50  p. 405 #'s 57, 58, 62 |
| 5.3 Solving Equations | * Solve trigonometric equations | 6) p. 396 #’s 8-34 (even)  7) p. 397 #’s 46, 48, 52, 55-62 |
| **TEST** | | |