

# PRECAL CP

## ASSIGNMENT LIST

### Unit 1: A Review of Functions

Assignment	Page	Problems
1-1	9	17-22, 25-28
1-5	52	20-26 + Worksheet
1-6A	61	1-12
1-6B	61	15-20
1-7	70	13-20
Review	77	11-14, 38-40, 42-50, 53-60

### Unit 2: Polynomial Functions

Assignment	Page	Problems
1-4	41	22-27
2-2	104	12-14, 33-36 (parts $a$ and $b$ only), 54-57
2-3A	115	9-12, 19-22
2-3B	115	31-34, 38-41
2-4A	127	2-5
2-4B	127	10-13, 32-35
10-5	633	1, 2, 11-14
Review	149	21-24, 29-47
Review	647	36-39

### Unit 3: Rational Functions

Assignment	Page	Problems
3-1	n/a	Graphing Rational Functions 1
3-2	n/a	Graphing Rational Functions 2
Review	n/a	Graphing Rational Functions Review

### Unit 4: Exponential and Logarithmic Functions

Assignment	Page	Problems
0-4	P17	9-12, 17-20
3-1	166	11-20
3-2	178	1-9, 34-39
3-3	185	31-34, 39-42
3-4	196	1-4, 13-16, 28-31, 69-72
Review	212	15-18, 21-44

### Unit 5: Right Triangle Trigonometry

Assignment	Page	Problems
5-1	n/a	Trigonometric Ratios
5-2	n/a	Finding Trigonometric Ratios
5-3	n/a	Solving for Missing Parts
5-4	n/a	Converting Between Degrees and Radians
5-5	n/a	Arc Length and Area of a Sector
5-6	n/a	Unit Circle Worksheet 1
5-7	n/a	Unit Circle Worksheet 2
Review	n/a	Unit 5 Review

### Unit 6: General Trigonometry and Graphing

Assignment	Page	Problems
4-4	n/a	Graphing Sine and Cosine
4-5	n/a	Graphing Tangent
4-6	n/a	Inverse Trigonometric Functions
4-7A	n/a	The Law of Sines
4-7B	n/a	The Law of Cosines
4-7C	n/a	The Area of a Triangle
Review	n/a	Unit 6 Review

### Unit 7: Trigonometric Identities

Assignment	Page	Problems
5.1	n/a	Trigonometric Identities
5.2	n/a	Verifying Trigonometric Identities
5.4A	n/a	Sum and Difference Identities
5.4B	n/a	Applying Sum and Difference Identities

### Unit 9: Complex Numbers

Assignment	Page	Problems
0-2A	n/a	Adding and Subtracting Complex Numbers
0-2B	n/a	Multiplying Complex Numbers
0-2C	n/a	Dividing Complex Numbers
9-5A	n/a	Converting to Polar Form
9-5B	n/a	DeMoivre's Theorem
Review	n/a	Unit 9 Review