

BREAKDOWN OF PRECALCULUS BC PREAP/DUAL TEST 1-4
100 PTS NON-CALCULATOR
WEDNESDAY, OCTOBER 17

Review: Page 393: 1-16 all (omit 5, 6), 19-26 all, 27-45 odd

Part I: Short Answer [80 pts]	Total Amount	Total Points
§5.1: Trigonometric Identities <ul style="list-style-type: none"> • Simplify identities Examples: Page 393: 1-16 all, (omit 5, 6), 19-26 all; 2) $\csc x$, 4) $ \csc x $, 8) $\sec \theta \csc \theta$, 10) $\cos^2 x$, 12) $\tan^2 x$, 14) $\sec x + 2 \sin x$, 16) $\sec x - 1$	2 questions	10 points
§5.1A: Proving Identities <ul style="list-style-type: none"> • Given a proof, use all known identities to verify 	2 questions	10 points
§5.2: Proving Complex Identities <ul style="list-style-type: none"> • Given a proof, use all known identities to verify Examples: Page 393: 19-26 all	3 questions	30 points
§5.3: Find and solve all solutions to each trigonometric equation <ul style="list-style-type: none"> • Solve using all identities and apply the unit circle to determine solutions. Do not forget the $+2\pi n$ and $+\pi n$ Examples: Page 393: 27-41 odd	4 questions	20 points
Part II: Multiple Choice [20 pts]	Total Amount	Total Points
§5.1A: Proving Identities	1 question	5 points
§5.2: Proving Complex Identities	1 question	5 points
§5.3: Find and solve all solutions to each trigonometric equation	1 question	5 points
Spiral Review	1 question	5 points