

**SUMMER WORK**  
**for Students Entering Precalculus**

**BOOK: Precalculus Demystified**

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As a prerequisite for entering Precalculus in the fall, you are required to complete a set of summer work problems that will review and introduce topics used in the pre-calculus course. The book you will be using can be ordered over the Internet or at your local bookstore. The book provides a very nice review and will serve as a reference for future course work. To receive credit for the summer work and therefore be allowed to take pre-calculus, you are to read the following chapters and complete the corresponding problems showing all work:

<b>CH.</b>	<b>TITLE</b>	<b>ASSIGNMENT</b>	
Ch. 1	Slope and Equation	Pg. 23	1—10
Ch. 2	Introduction to Functions	Pg. 40	1—10
Ch. 3	Functions and their Graphs	Pg. 61	1—4
Ch. 4	Combination of Functions	Pg. 85	2—7
Ch. 5	Translation of Functions	Pg. 102	1—5
Ch. 6	Quadratic Functions	Pg. 131	1, 2, 4, 6
Ch. 7	Polynomial Functions	Pg. 182	1, 3, 4, 7, 8, 9
Ch. 8	Rational Functions	Pg. 198	1—5
Ch. 9	Exponents and Logs	Pg. 259	1—12
Ch. 10	Systems of Equations	Pg. 300	1, 2, 3, 7, 8
Ch. 13	Trigonometry	Pg. 412	1—11

The problems assigned are due to Mr. Ambrose the first day of school in order to honor your petition. If you do not finish the assignment, you will not be placed into the petition course. It would be to your benefit not to wait to the week before school to begin the summer work. This would defeat the purpose of the summer preparation and hurt your chances of success in the fall. Good luck and have a productive summer.