PreCalc H and AP Summer Assignment: Ms. Reyes

This assignment is due on the first day of school, and there will be a test over this assignment at the end of the first week of school that will go toward your 1st quarter grade. To complete this assignment, you will need the class textbook:

<div align="center">

Pre-Calculus Concepts through Functions
A Unit Circle Approach to Trigonometry 4th Ed.
By: Sullivan & Sullivan
(ISBN 13: 978-0-13-468697-4)
(ISBN: 10: 0-13-468697-7)

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Your work should be neat, organized, and labeled correctly (page numbers and individual problems numbered) with your final answer boxed or circled. **If I cannot read your work or your answers, you will not get credit.**

The following questions will review topics covered in your previous math classes:

Appendix A (at the end of the book)

Factoring: p. A41 #16, 26, 30, 36, 38, 40, 46, 52, 64, 70, 72

Roots and Rational Exponents: p. A63 #14, 16, 18, 24, 26, 38, 44, 48, 56, 62, 70, 74, 76, 80

Imaginary Numbers: p. A98 #12, 14, 18, 22, 26, 30, 50, 54

Foundations Chapter (at the beginning of the book)

Symmetry: p. 17 #38, 40, 42, 44, 46

Lines: p. 30 #16, 18, 42, 44, 46, 52, 58, 62, 68

Circles: p. 39 #10, 20, 38, 46, 48

Chapter 1

Functions: p. 56 #20, 30, 44, 52, 56

Graph of a Function: p. 64 #12, 14, 16, 18, 20

Properties of Functions: p. 77 #14, 16, 18, 20, 22, 24, 26, 34, 38, 40, 50

Library of Functions: p. 89 #11-18

Transformations: p. 103 #10, 12, 14, 16, 18, 20, 22, 24, 28