

## PreCalc Ch.2 Power, Polynomial and Rational Functions

For each section, please choose to complete the paper based homework from the textbook or the online homework at [www.deltamath.com](http://www.deltamath.com). In the event that the online homework is unavailable, you should complete the homework from the textbook on paper.

If you choose to do the assignment from the textbook,

- 1) You must clearly state the topic section, page number and problem number from the textbook.
- 2) make sure you write your name on top of the page with your work and staple multiple pages together. Homework without name will be recycled, hence no credit is granted.
- 3) You must show work to support your answer and circle your final answer. You may not get credit if you do not show work to support your answers.
- 4) You can go to [www.hotmath.com](http://www.hotmath.com) for help on homework.

If you choose to do the online assignment at [www.deltamath.com](http://www.deltamath.com),

- 1) You must provide correct answers to the required number of questions. Wrong answers do not count.
- 2) make sure your answer each and every type of questions for the entire assignment.
- 3) You can click on the tab [Show Example](#) or view help videos [Help Video 1](#) [View](#) [New Tab](#) for help.

Topics	Textbook HW	Online HW	Due date
Unit 2-1 power and radical functions	Textbook p.93 #44-55	2-1 Power and radical functions	
Unit 2-2 Polynomial Functions	Textbook p.104 #13, #15, #23-31 odd, #33, #35	2-2 Polynomial functions	
Unit 2-3 The remainder and factor theorems	Textbook p.115 #19-#27 odd; #31-#37 odd; #39-45 odd	2-3 The remainder and factor theorems	
Unit 2-4 Zeros of polynomial functions	Textbook p.127 #1-#7 odd; #11-#15 odd; #33-#41 odd; #43-#47 odd; #49-53 odd	Online HW is unavailable	
Unit 2-5 Rational Functions	Textbook p.138 #1-7 odd; #9-#17 odd; #21-29 odd; #33-41 odd;	2-5 Rational Functions	
Unit 2-6 Nonlinear inequalities	Textbook p.145 #1-#15 odd; #19-27 odd; #31-35 odd	Online HW is unavailable	