

## Polynomial, Power, and Rational Functions

<u>Date</u>	<u>Lesson</u>	<u>Target</u>	<u>HW Assignment</u>
16-Sep	2.1 Linear & Quadratic Functions and Modeling	2A	<b>HW2-1</b> --p.175 #9,13,16,17,21,23,25,27,35,39
19-Sep	2.1 Linear & Quadratic Functions and Modeling	2A	<b>HW2-2</b> --p.176 #43,45,47,49,52,55,58,61
20-Sep	<b>Late Start Schedule</b> 2.3 Poly Func of Higher Degree w/Modeling	2B	<b>HW2-3</b> --p.202 #5,9,12,18,19
21-Sep	2.3 Poly Func of Higher Degree w/Modeling	2B	<b>HW2-4</b> --p.202 #29,32,37,41,51,53,65,73,74
22-Sep	2.4 Real Zeros of Polynomial Functions	2C	<b>HW2-5</b> --p.216 #1,7,9,10,15,17,22,25,26,27
23-Sep	2.4 Real Zeros of Polynomial Functions <i>Homecoming Parade--1/2 Day Schedule</i>	2C	<b>Study for Quiz 2.1 &amp; 2.3 (Targets 2A/2B)</b>
26-Sep	2.4 Real Zeros of Polynomial Functions	2C	<b>HW2-6</b> --p.217 # 33,34,49,51,54,71,72 <b>Study for Quiz 2.1 &amp; 2.3 (Targets 2A/2B)</b>
27-Sep	<b>Quiz 2.1 &amp; 2.3 (Targets 2A/2B)</b> 2.5 Complex Numbers	2C	<b>HW2-7</b> --p.227 #1,7,9,17,20,33,41,44,45,47
28-Sep	2.5 Complex Numbers	2C	<b>HW2-8</b> --p.227 #11,21-31odd,35,39,62
29-Sep	2.6 Complex Zeros and the Fundamental Theorem of Algebra <i>Hispanic Heritage Assembly(no 2nd hour)</i>	2D/2E	<b>No Additional Homework</b>
30-Sep	2.6 Complex Zeros and the Fundamental Theorem of Algebra	2D/2E	<b>HW2-9</b> --p.234 #3,5,9,11,15,17,20,27,31
3-Oct	2.6 Complex Zeros and the Fundamental Theorem of Algebra	2D/2E	<b>HW2-10</b> --p.234 #33-39odd
4-Oct	<b>Late Start Schedule</b> 2.6 Complex Zeros and the Fundamental Theorem of Algebra	2D/2E	<b>HW2-11</b> --p.234 #41,51,52
5-Oct	2.7 Graphs of Rational Functions	2E/2F	<b>HW2-12</b> --p.247 #1,5,8,9
6-Oct	2.7 Graphs of Rational Functions	2F	<b>HW2-13</b> --p.247 #12,17,19,21,31-36all
7-Oct	2.8 Solving Equations in One Variable	2F	<b>HW2-14</b> --p.254 #11,13,16,29,31,33,39,40
10-Oct	<b>NO SCHOOL -- Columbus Day</b>	<b>N/A</b>	<b>No Additional Homework</b>
11-Oct	Unit 2 Review	<b>N/A</b>	<b>HW2-15</b> --Unit 2 Review
12-Oct	Unit 2 Review	<b>N/A</b>	<b>Study for Test!</b>
13-Oct	<b>Unit 2 TEST</b>	<b>N/A</b>	<b>No Additional Homework</b>

# PreCalculus Schedule--Unit 2

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### *Unit 2 Targets*

Target 2A: Graph and Solve Quadratic Functions

Target 2B: Graph, Solve and Analyze Polynomial Functions

Target 2C: Find Real and Complex Zeroes of Polynomials by Synthetic and Long Division

Target 2D: Construct Polynomials given Real and or Imaginary Zeroes

Target 2E: Understand the Fundamental Theorem of Algebra

Target 2F: Graph, Solve and Analyze Rational Functions