

# ASSIGNMENT SHEET

Class: Algebra 2/Trig

Name \_\_\_\_\_

Quiz dates/Notebooks due: Tues, Oct 30

Unit # 2 (Chapter 5 in book)

Period \_\_\_\_\_

Unit 2 Test: Thurs, Nov 8

Unit Title: Polynomial Functions

Date Assigned	Lesson Number	MAIN IDEAS (Topics & Learning Targets)	In-class points (preparedness, WU, Notes, in-class practice)	ASSIGNMENT (Practice problems)	Assignment points (complete, work shown)
Thurs 10/18	5.0	<b>Get Ready!</b> <ul style="list-style-type: none"> <li>Review math skills learned in previous classes.</li> </ul>	No notes; test day	Get Ready #1-3, 10-18 (p. 277)	
Mon 10/22	5.1a	<b>Polynomial Functions</b> <ul style="list-style-type: none"> <li>Classify polynomials.</li> <li>Graph polynomial functions &amp; describe end behavior.</li> </ul>		5.1a #1-4, 9-19 odd, 41-46, 62-64	
Tues 10/23	5.1b			5.1b Worksheet (polynomial operations)	
Wed 10/24	5.1c			5.1c #5-7, 21-36 m3, 47-49, 69-71	
Thurs 10/25	5.2a	<b>Polynomials, Linear Factors, &amp; Zeros</b> <ul style="list-style-type: none"> <li>Analyze the factored form of a polynomial.</li> <li>Write a polynomial function from its zeros.</li> </ul>		5.2a #1-4, 6-24 m3, 40-42, 61-66	
Fri 10/26	5.2b			5.2b #5, 27-39 odd, 44, 46, 67-69	
Mon 10/29	Concept Byte	<b>Graphing Polynomials Using Zeros</b> <ul style="list-style-type: none"> <li>Use zeros, turning points, &amp; end behavior to sketch the graph of a polynomial function.</li> </ul>		Review p. 348 #5-23 + write weekly summary	
Tues 10/30	Quiz 5.1-2	What am I good at this week?  What do I still need to work on?  Goal(s) for next week:	Weekly summary	CB p. 325 #1-6	Points on the next page...

Date Assigned	Lesson Number	MAIN IDEAS (Topics & Learning Targets)	In-class points (preparedness, WU, Notes, in- class practice)	ASSIGNMENT (Practice problems)	Assignment points (complete, work shown)
Tues 10/30	Concept Byte	<b>Graphing Polynomials Using Zeros</b> <ul style="list-style-type: none"> <li>Use zeros, turning points, &amp; end behavior to sketch the graph of a polynomial function.</li> </ul>	Notes on other page...	CB p. 325 #1-6 (repeated from the other side.. don't do it twice!)	
Wed 10/31	5.3	<b>Solving Polynomial Equations</b> <ul style="list-style-type: none"> <li>Solve polynomial equations by factoring.</li> </ul>		5.3 #1-7, 11-23 odd, 51- 53, 65-70	
Thurs 11/1	5.4a	<b>Dividing Polynomials</b> <ul style="list-style-type: none"> <li>Divide polynomials using long division.</li> <li>Divide polynomials using synthetic division.</li> </ul>		5.4a #1-3, 9-19 odd, 71- 74	
Fri 11/2	5.4b			5.4b #4-6, 21-27 odd, 29- 31, 79-85	
Mon 11/5	5.5a	<b>Theorems About Roots of Polynomials</b> <ul style="list-style-type: none"> <li>Solve equations using the Rational Root Theorem.</li> <li>Use the Conjugate Root Theorem.</li> </ul>		5.5a #1-3, 9-17 odd, 33- 37 odd, 58-62	
Tues 11/6	5.5b			5.5b #4-8, 19-29 odd, 39- 41, 55-57	
Wed 11/7	Review	What am I good at this week?  What do I still need to work on?  Goal(s) for next week:		Review p. 349 #24-27, 31-39, 41-59 odd + write weekly summary	
Thurs 11/8	Unit 2 Exam		Weekly Summary	p. 357 #1-19 (get ready for Ch. 6)	Points on the next sheet...