

Name: _____

Alg II Homework - Chapter 4 – Polynomial Functions

Day/Date Assigned	Assignment	0 points earned	1 point earned	2 points earned
Mon. 10/7	<u>4.1: Graphing Polynomial Functions</u> Read pp. 158-160 (thru Example 4) Do pp. 162-163 (#2-36, evens)			
Tue. 10/8	<u>4.1: Graphing Polynomial Functions</u> Read pp. 160-161 Do pp. 163-164 (#38-42 evens; #43-50)			
Wed. 10/9	<u>4.2: Adding, Subtracting, and Multiplying Polynomials</u> Read pp. 166-169 Do pp. 170-172 (#3-42, x3; #44-64 evens)			
Thu. 10/10	<u>4.3: Dividing Polynomials</u> Read pp. 174-176 Do pp. 177-178 (#2-40 evens)			
Fri. 10/11	<u>4.4: Factoring Polynomials</u> Read pp. 179-182 (thru Example 5) Do p. 184 (#6-44 evens)			
Mon. 10/14	<u>4.4: Factoring Polynomials</u> Read pp. 182-183 (Examples 6 & 7) Do pp. 185-186 (#46-66 evens; #67-75)			
Tue. 10/15	4.1 – 4.4 Review Do p. 188 (#1-17)			
Wed. 10/16	4.1-4.4 Quiz			
Thu. 10/17	<u>4.5: Solving Polynomial Equations</u> Read pp. 190-192 (thru Example 3) Do pp. 194-195 (#2-32 evens)			
Fri. 10/18	<u>4.5: Solving Polynomial Equations</u> Read pp. 192-193 Do pp. 195-196 (#34-54 evens; #55-58; #60-64 evens)			
Mon. 10/21	<u>4.6: The Fundamental Theorem of Algebra</u> Read pp. 198-200 (thru Example 3) Do pp. 202-203 (#3-18, x3; #20-32 evens)			
Tue. 10/22	<u>4.6: The Fundamental Theorem of Algebra</u> Read pp. 200-201 (starting with Descartes' Rule of Signs) Do pp. 202-203 (#34-42 evens; #43-47, #49-52)			
Wed. 10/23	<u>4.7: Transformations of Polynomial Functions</u> Read pp. 206-207 Do p. 209 (#2-20 evens)			
Thu. 10/24	<u>4.7: Transformations of Polynomial Functions</u> Read p. 208 Do p. 210 (#22-33)			
Fri. 10/25	<u>4.8: Analyzing Graphs of Polynomial Functions</u> Read pp. 212-214 (thru Example 2) Do p. 216 (#2-22 evens)			

Mon. 10/28	<u>4.8: Analyzing Graphs of Polynomial Functions</u> Read pp. 214-215 Do pp. 217-218 (#24-46 evens; #47-55)			
Tue. 10/29	<u>4.9: Modeling with Polynomial Functions</u> Read pp. 220-222 Do pp. 223-224 (#3-12, x3; #13-23)			
Wed. 10/30	Chapter 4 Review pp. 226-230 (#2-38 evens; #40-44)			
Thu. 10/31	Chapter 4 Test			