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Pre-Calculus Honors

Summer Homework

This assignment list is for all Leland students who plan to take Pre-Calculus Honors next school year. The problems are from the following book: HBJ Algebra 2 with Trigonometry, copyright 1983.

Directions:

- Read the chapter section and examples before working the problems from each section.
- Work the problems from the list and show all work for each problem.
- *Graphing should be done on graph paper.*
- Check all odd answers in the back of the textbook.
- Your parent/guardian should sign and date each box when you complete each chapter.
- When you are finished, staple the papers together for each chapter in numerical order, then paper clip or staple the entire homework packet.
- Turn in the packet on the 1st day of class.
- A quiz will be given during the 1st week of school on the material covered on this list.

Chapter 2: Equations and Inequalities

Chapter-Section	Page #	<u>Written Exercises Only</u>	Parent Signature & Date
2.1	45	#3 – 33 multiples of 3	
2.2	49	#3 – 24 multiples of 3	
2.3	53	#9 – 30 multiples of 3	
2.5	58	#3 – 36 multiples of 3	

Chapter 3: Graphing

Chapter-Section	Page #	<u>Written Exercises Only</u>	Parent Signature & Date
3.2	78	#3, 5, 6, 11, 13, 14, 15	
3.3	82	#3, 5, 15, 17, 23, 25, 29	
3.5	92	#12, 16	
3.6	96	#3 – 51 multiples of 3	
3.8	104	#3 – 24 multiples of 3	

Chapter 5: Relations and Functions

Chapter-Section	Page #	<u>Written Exercises Only</u>	Parent Signature & Date
5.1	162	#3 – 60 multiples of 3	
5.2	167	#12 – 48 multiples of 3	

Chapter 6: Polynomials

Chapter-Section	Page #	<u>Written Exercises Only</u>	Parent Signature & Date
6.3	195	#3 – 39 multiples of 3	
6.4	199	#9, 15, 27, 31, 35, 41, 45, 47, 51, 53, 55, 59, 75	
6.5	203	#3 – 45 multiples of 3	
6.6	207	#1, 3, 9, 12, 15, 19, 21, 31, 33, 35, 43, 47, 51, 53	
6.7	211	#3 – 27 multiples of 3 (No synthetic division!)	

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Chapter 7: Rational Expressions

Chapter-Section	Page #	<u>Written Exercises Only</u>	Parent Signature & Date
7.1	231	#3 – 45 multiples of 3, #57	
7.2	234	#3 – 33 multiples of 3	
7.3	236	#3 – 30 multiples of 3	
7.4	240	#3 – 51 multiples of 3, #53, 63	
7.5	246	#3 – 33 multiples of 3	

Chapter 8: Radicals

Chapter-Section	Page #	<u>Written Exercises Only</u>	Parent Signature & Date
8.1	271	#21, 23, 25, 29, 31, 33, 37, 39, 45	
8.2	273	#9, 11, 15, 17, 27, 37, 47, 49, 55, 61, 67, 73, 81	
8.3	276	#5 – 60 multiples of 5	
8.6	285	#1, 2, 3, 7, 8	

Chapter 9: Complex Numbers/Quadratic Equations

Chapter-Section	Page #	<u>Written Exercises Only</u>	Parent Signature & Date
9.1	316	#3 – 66 multiples of 3	
9.3	325	#3 – 42 multiples of 3	
9.8	342	#24 – 28 all	
9.9	344	##3 – 30 multiples of 3, #31	

Chapter 11: Exponents

Chapter-Section	Page #	<u>Written Exercises Only</u>	Parent Signature & Date
11.1	401	#3 – 45 multiples of 3	
11.3	407	#3 – 33 multiples of 3	
11.4	409	#3 – 30 multiples of 3	
11.5	413	#3 – 30 multiples of 3	

Chapter 12: Sequences and Series

Chapter-Section	Page #	<u>Written Exercises Only</u>	Parent Signature & Date
12.1	445	#25 – 33 all	
12.2	447	#7, 8, 17, 23, 29	
12.3	451	#3 – 27 multiples of 3	
12.4	456	#3 – 12, then #36 – 45 multiples of 3	
12.5	460	#12 – 21 multiples of 3	
12.6	463	#11, 12, 21, 24	

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Chapter 13: Systems of Equations

Chapter-Section	Page #	<u>Written Exercises Only</u>	Parent Signature & Date
13.2	487	#3 – 15 multiples of 3	

Chapter 15: Trigonometric Functions

Chapter-Section	Page #	<u>Written Exercises Only</u>	Parent Signature & Date
15.10	571	#23 – 28 all	