

Assign.	p	PROBLEMS##	TYPE OF PROBLEM
2.5BG	86	1-70	<u>BACKGROUND</u> :* <u>Solving & Notation</u> : Inequalities
7.5BG	383	1-48	<u>BACKGROUND</u> :* <u>Writing Equations of Lines</u> (WS#7 has Answers in $y=mx+b$ form)
4.1BG	170	1-29, 32-46, 49, 50, 59-68	<u>BACKGROUND</u> :* <u>Simplifying</u> : Rational Expressions (Algebraic Fractions)
4.2BG	176	1-50	<u>BACKGROUND</u> :* <u>Simplifying</u> : Multiplication & Division of Rational Expressions
4.3BG	184	1-66	<u>BACKGROUND</u> :* <u>Simplifying</u> : Addition & Subtraction of Rational Expressions
4.4	193	1-64	<u>Simplifying</u> : More Addition & Subtraction of Rational Expressions & Complex Fractions
4.5A	200	1-10	<u>Simplifying</u> : Dividing Polynomials by a Monomial
4.5B	200	11-52	<u>Simplifying</u> : Polynomial Long Division
4.5C	201	53-64	<u>Synthetic Division</u> : Dividing Polynomials Without the Variables
4.6A	208	1-44	<u>Solving</u> : Fractional Equations (Some First Degree & Some Second Degree (Quadratic) results)
4.6B	208	45-60 (ALL)	<u>Word Problems</u> : For Ratios and Fractions
Ch4R	221	7-10, 15-33, 35	***REVIEW of Chapter 4
5.1BG	231	1-84	<u>BACKGROUND</u> :* <u>Simplifying</u> : With Integer Exponents: Numbers & Algebraic Expressions
5.2BG	242	1-74	<u>BACKGROUND</u> :* <u>Simplifying</u> : Roots & Radicals --Also: Rationalizing the Denominator
5.3BG	248	1-60, 65-74	<u>BACKGROUND</u> :* <u>Simplifying & Combining Radicals</u>
5.4A	254	1-52	<u>Products of Radicals</u> :. Monomial & Binomial Expressions
5.4B	255	53-76	<u>Simplifying</u> : Rationalize Binomial Denominator
5.5	260	1-48	<u>Solving</u> : Equations Involving Radicals-- (49-56)# Bonus Questions Only
5.6A	266	1-30	<u>Arithmetic</u> : Evaluating Fractional Exponents - Link to Roots
5.6B	266	31-58	<u>Notation</u> : Exponent & Radical Form
5.6C	266	59-80	<u>Simplifying</u> : Using Exponent Rules with Fractional Exponents
5.6D	267	81-90	<u>Simplifying</u> : Using Exponent Rules to Simplify Products of Different Roots back to Radical Form
Ch5R	275	1-3, 6-12, 37-42	***REVIEW of Chapter 5 for MT#2
6.1A	285	9-26	<u>Complex Numbers</u> : Add & Subtract
6.1B	285	27-60	<u>Complex Numbers</u> : Converting from Radical Form
6.1C	286	61-100	<u>Complex Numbers</u> : Products & Quotients
6.2A	293	1-20	<u>Solving</u> : Quadratic Equations: Factoring
6.2B	293	21-26	<u>Solving</u> : Quadratic Equations: Radicals
6.2C	293	35-70	<u>Solving</u> : Quadratic Equations: "Extracting Roots"
6.2D	293	71-91	<u>Word Problems</u> : Using the Pythagorean Theorem
6.3A	299	1-38	<u>Solving</u> : Quadratic Equations By Completing the Square
6.3B	299	39-60	<u>Solving</u> : Quadratic Equations - Recognizing which Method to Use
6.4	307	1-50	<u>Solving</u> : Quadratic Equations By the Quadratic Formula (Note: SOLVE ONLY, but simplify!!!!)
6.5A	317	1-20	<u>Solving</u> : Determining Correct Method: Quadratic Equations
6.5B	317	21-32	<u>Solving</u> : Determining Correct Method: Fractional Equations
6.5C	317	33-40 (ALL)	<u>Solving</u> : "Quadratic Form" -- (75-81)# Bonus Questions Only
6.5D	317	41-54	<u>Word Problems</u> : "Number" Type & Geometry (45 & 46 need Quadratic Formula)
6.5E	318	55-58 (ALL)	<u>Word Problems</u> : $D=RT$
6.6	325	1-46	<u>Solving</u> : Quadratic & (Other Nonlinear) Inequalities-- (47-56)# Bonus Questions Only

Ch6R	328	1-8, 13-18, 20-34, 38	***REVIEW of Chapter 6 for MT#2
8.1A	399	1-25	Functions: Evaluating
8.1B	400	32-39	Functions: Is it a function? (from a graph.)
8.1C	401	40-57	Functions: Finding Domain (Not Responsible for Range on Test, unless a Bonus)
8.1D	401	68-75	Functions: Evaluating with Calculator (NO Calculators on this test - this is for practice with notation.)
8.2A	408	1-16	Graphing: Linear Functions
8.2B	408	17-22 (ALL)	Writing the Equation: Given Information about the Linear Function (Can do in $y=mx+b$ Form.)
8.3	419	1-26 (ALL)****	Graphing: Quadratic Functions Parabolas; SEE WS#11 for instructions!!
8.4A	430	1-20 (ALL)****	Graphing: Quadratic Functions Parabolas; SEE WS#12 for instructions!!
8.4B	434	21-42****	Finding: x-intercepts; vertex & zeros of functions; SEE WS#12 for instructions!!
8.4C	434	43-52	Word Problems: Maximum & Minimums
8.6	448	1-31	Functions: How to Combine (Note: You do not need to find the domain in this case)
Ch8R	460	1, 2, 7, 9, 12, 16, 18, 24-33, 38-40	***REVIEW of Chapter 8 for MT#2
9.1	468	1-38	Synthetic Division: More Problems
9.2A	472	1-20 (Calculator for 15-20)	Remainder Theorem: For Polynomial Function $f(x)$, Use Division to Find $f(c)$, for a constant c (a number).
9.2B	473	21-44 (ALL)	Remainder & Factor Theorems: Use Division to Determine Factors of Polynomial
9.3	483	1-20 (ALL)****	Solving Polynomial Equations: Use Rational Root Theorem to Solve Higher Degrees. See WS#13 & 14
9.4	494	11-28, 32-34	Graphing: Techniques for Polynomials
9.5	506	1-22	Graphing: Techniques for Rational Functions
Ch9R	518	5-12	***REVIEW of Chapter 9 for MT#2
10.1	528	1-26	Solving: Exponential Equations (NO CALCULATORS!)
10.2	538	C: 1-38	Applications of Exponential Functions (USE CALCULATORS!)
10.4A	560	1-20	Notation: Correlation Between Logarithmic & Exponential Statements
10.4B	560	21-40	Evaluating: Logarithms Without Calculators
10.4C	561	41-50	Solving: Simple Logarithmic Equations (NO CALCULATORS!)
10.4D	561	69-88	Notation: Using Properties of Logarithms to Rewrite Expressions
10.4E	561	89-106	Solving: Logarithmic Equations Using Properties of Logarithms (NO CALCULATORS!)
10.6A	578	C: 1-16	Solving: Exponential Equations (USE CALCULATORS!) (17-20)# Bonus Questions Only
10.6B	578	21-30	Solving: More Logarithmic Equations (NO CALCULATORS!) (31, 32)# Bonus Questions Only
10.6C	578	C: 33-42	Evaluating: Logarithms - Change of Base (USE CALCULATORS!)
10.6D	578	C: 43-49, 51-54	Word Problems: Logs & Exponentials (USE CALCULATORS!) (50, 55-58)# Bonus Questions Only
Ch10R	581	1-24,29-34,43-45,56-61	***REVIEW of Chapter 10
13.1	693	1-8, 15-29	Circles: Equation in "Center - Radius Form"; Identify Center & Radius (No Graphing)
		##Do Odds unless	**"Background" will NOT be assigned. These are just for those that need to "BoneUp!"
		"ALL" is written	**Find Vertical & Horizontal Asymptotes for ALL!
			***ChR- NOT Assigned, SOME review problems for Tests, etc. Not necessarily a complete review.
			****These assignments will have Worksheets with modified instructions for the book problems.
		C: Calculator Exercises	#Possible source of Bonus Type Questions for Tests.