

Assign.	p	PROBLEMS##	TYPE OF PROBLEM
2.6A	94	1-18	<u>Background Work, if needed.</u> Solve: Linear Inequalities
2.6B	94	19-56	<u>Solve:</u> Compound Inequalities. WS#10 over Interval Notation is strongly recommended. It will be helpful for 6.6 also.
2.7A	101	1-54	<u>Solve:</u> Absolute Value Equations & Inequalities
2.7B	101	55-64	<u>Solve:</u> Absolute Value Equations & Inequalities. Obvious if you are THINKING!
Ch2R	104	25-44	***REVIEW of Chapter 2 for MT#1
4.5A	200	11-52	<u>Simplifying:</u> Polynomial Long Division
4.5B	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	15-33, 35	***REVIEW of Chapter 4 for MT#1
5.5	260	1-56	<u>Solving:</u> Equations Involving Radicals
5.6A	266	1-30	<u>Arithmetic:</u> Evaluating Fractional Exponents - Link to Roots. WS#5 strongly recommended as review before this section & WS#8 as a supplement for more practice.
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	1-13, 15, 19, 37-42; 47-56	***REVIEW of Chapter 5 for MT#1
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; 101	<u>Complex Numbers:</u> Products & Quotients (Do 5.4BG as a review to help with the 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" or "Square Root both sides."
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); 75-81 (ALL)	<u>Solving:</u> "Quadratic Form"; Using Substitution
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 Not many problems, so WS#9 is highly recommended to get sufficient practice.
6.6	325	1-56	<u>Solving:</u> Quadratic & (Other Nonlinear) Inequalities. Review WS#10 BEFORE this section.
Ch6R	328	1-8, 13-36, 39-41, 43	***REVIEW of Chapter 6 for MT#1
7.5	383	1-48	Writing Equations of Lines (WS#7 has Answers in $y=mx+b$ form) Use with 8.2B to get enough practice.
8.1A	399	1-25	<u>Functions:</u> Evaluating
8.1B	400	32-39	<u>Functions:</u> Is it a function? (from a graph.)
8.1C	401	40-57	<u>Functions:</u> Finding Domain (Not Responsible for Range on Test, unless a Bonus)
8.1D	401	68-75	<u>Functions:</u> Evaluating with Calculator (NO Calculators on this test - this is for practice with notation.)
8.2A	408	1-16	<u>Graphing:</u> Linear Functions

8.2B	408	17-22 (ALL)	Writing the Equation: Given Information about the Linear Function (Can do in $y=mx+b$ Form.) Very few problems, so use WS#7 & 7.5BG to get sufficient practice.
8.3	419	1-26 (ALL)****	Graphing: Quadratic Functions Parabolas; <i>SEE WS#11 for instructions!!</i>
8.4A	430	1-20 (ALL)****	Graphing: Quadratic Functions Parabolas; <i>SEE WS#12 for instructions!!</i>
8.4B	434	21-42****	Finding: x-intercepts; vertex & zeros of functions; <i>SEE WS#12 for instructions!!</i>
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	1,2,4,6,7,9,12,13,16,18,31,34,35,38-40	***REVIEW of Chapter 8 for MT#1
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. <i>See WS#13 & 14 for instructions.</i>
9.4	494	11-28, 32-34	Graphing: Techniques for Polynomials
9.5	506	1-22**	Graphing: Techniques for Rational Functions
Ch9R	518	1-4	***REVIEW of Chapter 9 for MT#1
		Worksheets Covered	#5, #7, #8, #10, #11, #12
		##Do Odds unless	*"Background" will NOT be assigned. This one, however will be helpful.
		"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 or are strongly recommended to get sufficient practice.
		C: Calculator Exercises & Review	#Possible source of Bonus Type Questions for Tests.