

Assign.	p	PROBLEMS##	TYPE OF PROBLEM
2.6A	94	1-18	<u>Solve:</u> 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
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
5.4BG	255	53-76	* <u>Simplifying:</u> Rationalize Binomial Denominator. Section not assigned but review will help you with Complex Number Division.
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	1-55	***REVIEW of Chapter 5
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, 38-41, 43	***REVIEW of Chapter 6
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	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.) Very few problems, so use WS#7 & 7.5BG to get sufficient practice.
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	1,2,4,6-9,12,13,16,18,24-35,38-40	***REVIEW of Chapter 8
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 for instructions.
9.4	494	11-28, 32-34	Graphing: Techniques for Polynomials
9.5	506	1-22**	Graphing: Techniques for Rational Functions
Ch9R	518	1-12, (13,14)\$ 20, 21, 23-26	***REVIEW of Chapter 9 (\$13 & 14 have factors of $(x-1)$ and $(x+1)$, respectively)
10.1	528	1-26	Solving: Exponential Equations (27-40)# Bonus Questions Only;
10.2	538	C: 1-38	Applications of Exponential Functions (USE CALCULATORS!)
10.3	549	1-6; 15-35	Functions: Inverses (37-50)# Bonus Questions Only
10.4A	560	1-20	Notation: Correlation Between Logarithmic & Exponential Statements (Using Inverse Functions)
10.4B	560	21-40	Evaluating: Logarithms Without Calculators; WS#17 strongly recommended for extra practice!
10.4C	561	41-50	Solving: Simple Logarithmic Equations
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
10.5	568	C: 1-40; 54-61	Using: Calculator to Find Log Values; Inverse Functions to Solve Equations (41-53)# Bonus Questions Only
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 (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	1-13; 15,16; 19-24; 29-30; 4649	***REVIEW of Chapter 10 NON-Calculator Problems
Ch10R	581	14, 17, 18; 31-34; 43-45	***REVIEW of Chapter 10 Calculator Problems Remember that straight calculator problems as WS#15 & 16 covered on test.
13.1A	693	1-8, 15-29	Circles: Equation in "Center - Radius Form"; Identify Center & Radius (No Graphing)
13.1B	693	9-14; 33-42	Circles: Finding Equations of Circles, Tangent Lines & Chords
13.2A	702	1-30	Parabolas: Vertex, Focus, Directrix & Graph
13.2B	702	31-50	Parabolas: Find the Equation
13.3A	712	1-26	Ellipses: Find Vertices, Minor Axis & Foci & Graph
13.3B	712	1-26	Ellipses: Finding the Equation
		##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.