

## Fall 2007.....112 SKILL TOPICS

<b>SKILL #</b>	<b>SKILL DESCRIPTION</b>	<b>SECTION(s) &amp; WS</b>
1-A	Simplifying Rational Expressions	<b>[Review: 4.1-4.3]</b> ; 4.4; WS#1 & #2
2-B	Dividing Polynomials & Synthetic Division	4.5A, B & C; 9.1
3-C	Solving Rational Equations	4.6A; 6.5B
4-D	Simplifying Radicals	<b>[Review: 5.2]</b> ; 5.3; 5.4; WS#3, #4, & #6
5-E	Function Notation	8.1A; 8.6
6-F	LINES: Graph & Write the Equation	8.2A & B; WS# 7
7-G	Solve: Radical Equations	5.5; 6.2B
8-H	Simplifying (Fractional) Exponents	<b>[Review: 5.1]</b> ; 5.6A-C; WS#5 & #8
9-I	Solve: Extracting Roots & Complete Square	6.2C; 6.3A
10-J	Parabolas	8.3; 8.4; WS#11 & #12
11-K	Solve: Quadratic Formula & Quadratic "Forms"	6.4; 6.5C
12-L	Solve: Determine Correct Method - Factoring, etc.	6.2A; 6.3B; 6.4; 6.5A & B
13-Mc	Inequality Notation & Nonlinear Inequalities	6.6; WS#10
14-M	Remainder & Factor Theorem; Rational Root Theorem	9.2A & B; 9.3; WS#13 & #14
15-N	GRAPHING: Polynomial & Rational Functions	9.4; 9.5
16-O	Solve: Exponential Equations (NO Calculator)	10.1
17-P	Calculator Applications to Exponentials & Logs	10.2; 10.6A; 10.6C; WS#16
18-Q	Evaluating Logs	10.4B; WS#17 & #18
19-R	Using Definition of Log & Log Properties	10.4A; 10.4D
20-S	SOLVE: Log Equations (No Calculator)	10.4C; 10.4E; 10.6B
21-T	WORD PROBLEMS: Ratios & Fractions	4.6B
22-U	WORD PROBLEMS: $D = RT$	6.5F; WS#9
23-V	Compound Linear Inequalities	2.6A & B
24-W	Absolute Value Equations & Inequalities	2.7A & B
25-X	Inverse Functions	10.3