

Formative Workbook Assignments *MATH 20-1*

SEQUENCES AND SERIES

<u>Lesson</u>	<u>Assignment</u>
1.1	P7-13 (1-8, 10-15, 18, M.C.)
1.2	P 19-24 (1,2,(3-7)ab,9,10,13-18, MC
	CHECK POINT
1.3	1-12,MC,14,15
1.4	1-9,10A,11,12
	CHECK POINT
1.6	1-3, (4,5)ab, 7,9
Review	1.1-1.4,1.6

QUADRATIC EQUATIONS

<u>Lesson</u>	<u>Description</u>	<u>Assgn</u>	<u>Burger /4</u>
1	10-1 basic factor skills Factor tree of skills	P 177 1-6	
2	Ugly trinomials and diff of squares	P 178 (7-10)ac, 11a 12a 13b 14 15a 16b 18c 19 mc	
3	3.2 Solving by Factoring	1-6 7ac 8ad 9 10ad 11-15 18 19	
4	3.3 Complete Square	pp. 206 4 5 8abd 9 10acd 11ab	
5			
6	3.4 Quad Formula	Pp 217 1-6 7bc 8 9 11ac 14 17 19	
7	3.5 Discriminant	p. 232-236 4-13	
8	Word problems	Worksheet	
9	Study Guide Review and Practice test	P. 240-248	
10			
Total		/28	

QUADRATIC FUNCTIONS

<u>Lesson</u>	<u>Description</u>	<u>Assgn</u>	<u>Burger /4</u>
1	4.1A Characteristics of Quad Functions (using table of values Example 1	P 257 1 3-5 7	/4
2	4.1 B Using Calcutor Menu and Applications	p.257 8-12	/4
3	4,2 Math Lab Solving Graphically	P 263-267 all	/4
4	4.3 Mathlab	p. 268 -271 all	/4
5	DO THE CHECK POINT ON YOUR OWN REFLCECT ON YOUR LEARNING (Mr. K gives Summative Check-up)		
6	4.4A Graphing $y = a(x - p)^2 + q$ without calc	P 284 1-6 8	/4
7	4.4 B Finding equations of Quad functions with conditions	P 284 7 9 10 11 12	/4
8	4.5 Completing the Square	P 295 1 2 3ab 4 5 6 8 11(vertex formula)	/4
9	4.6 Analyzing $y = ax^2 + bx + c$ graphing without a calc in Standard form	P 305 3 4 5a 6b 8 10	/4
10	4.7 Word Problems PP notes	P 323 6 8 9 10 11	/4
11	Review Prep for exam Mr. K gives Summative Practice test	Chapter Review Chapter test	/4
Total			/40

TRIGONOMETRY

<u>Lesson</u>	<u>Assignment</u>	<u>Burger Rubric /4</u>
1	p. 74 (investigation) PP.83-86 1-13,15-17	
2	pp. 88-89 investigation pp. (96-99) 1-8,9,10,11,12,14,17,18	
3	pp. (479-489) 3,4,5,9,13,17,mc	
4	pp. (498-507) 1-7,9,12,14,mc	
5		
6	Review 6.1,6.2,6.4,6.5	
7	Practice test	
8		
9		
10		
Total		/24

RADICAL OPERATIONS

<u>Lesson</u>	<u>Description</u>	<u>Assgn</u>	<u>Burger /4</u>
1	Simplifying Mixed Radicals and +/- Radicals with algebraic Radicands	P 101-105 3-10 P114-118 3-5,7,8,9,11	/4
2	Multiplying Dividing Rads and Conjugates Restrictions on Variables	P 126-133 3-7,8,9,10,15,mc	/4
3	Rationalizing the Denominator		/4
4	Radical Equations	P147 -153 4bd, 5bf , 6ace , 7ef, 9d, 10c, 12cd	/4
5	Solving Problems	P147-153 8,11,13,15,16,mc	/4
6	Do Textbook Review as Needed Mr. K is giving a Practice test	Due Monday	
7		Tuesday	
Total			/20

RATIONAL EXPRESSIONS

<u>Lesson</u>	<u>Description</u>	<u>Assgn</u>	<u>Burger /4</u>
1	Review Ops with Rational Numbers	Review Fraction W.S.	
2	7.1 Equivalent Rational Expressions	1-12 15 MC	/4
3	7.2 Mult and Div Rational Expressions	3-8 11 12abc 14a 15	/4
4	Consolidate Understanding	Checkpoint 1 to be handed in	/4
5	7.3 Adding and Subtracting Rational Expression Monomial Denominators	3-13	/4
6	7.4 Adding and Subtracting Rational Expression Binomial and Trinomial Denominators (use note handout)	3-7 10ac 11 12 13	/4
7	7.5 Solving Rational Equations (use note handout)	3ac 4 6b 7ac 8 9 10ac 11 13 15c mc	/4
8	7.6 Applications	4-8,11	/4
9	Formative or Summative		?
Total			/28

CH 5 LINEAR AND QUADRATIC INEQUALITIES AND SYSTEMS

<u>Lesson</u>	<u>Description</u>	<u>Assgn</u>	<u>Burger /4</u>
1	5.1 Solving Quad Inequatlites	4 5 6 7(use unit analysis) 9 (exact value) 13	
2	5.2 Linear Inequalities	1-8,11,13,15,mc	/4
3	Solidify 5.1,5.2 Les 5.3	1-8, 9a, 10a, 11, 12a, 15, 17, mc	/4
4	5.4 Solving Systems Graphically	ALL QUESTIONS When done lab do checkpoint! P.382-385	/4
5	5.5 Solving Systems Algebraically	1-4, 5a c, 6, 7a c, 8b, 9b c d, 11, 12 mc	/4
6	PRACTICE AND STUDY FOR EXAM		/4

