

Math 10 -- Principles of Mathematics

February 2008

Count	Date	Subject and Homework
84	M, Feb 4	-- Introduction to Radicals and Pythagoras -- P.72-73 #(2-5, 11, 19) every third (e.t.) -- p.99 #(1-3,4-6, 10)all
83	T, Feb 5	* Multiplying Radicals -- P.119-121 #(1, 2, 5, 6, 11, 12, 14, 19) e.t.
82	W, Feb 6	* Dividing Radicals and Rationalizing the Denominator (Part I) -- P.127 #(1, 2, 6, 13) e.t.
81	T, Feb 7	* Adding and Subtracting Radicals -- P.132-133 #(1-3, 8, 12, 15, 16) e.t.
80	F, Feb 8	* Combined Operations (Part I) -- P.138 #(1, 2, 5, 8) e.t., 9 abcd
79	M, Feb 11	* Combined Operations (Part II) and Rationalizing the Denominator (Part II) -- P.138-139 #(3, 13-15) e.t.
78	T, Feb 12	-- Review -- Worksheets
77	W, Feb 13	-- Review -- Worksheets
76	T, Feb 14	* Test #1 - Radicals

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MATH
Day!!

Count	Date	Subject and Homework
	F, Feb 15	* NO SCHOOL
75	M, Feb 18	* Review Exponent Laws -- P.35 #(1, 2, 4-7, 10-14) e.t. -- p.335 #(1-5, 9-11)e.t.
74	T, Feb 19	* Exponent Laws with Rational Exponents -- P.80-81 #(1-4, 6-10, 16, 18, 19) e.t.
73	W, Feb 20	* Arithmetic Growth and sequences -- P.7 #1 o.l., 3, [5a, 9a](i, iii, iv), 11 -- P.13 #1 o.l., 2ac, 3ab,[4a, 5a, 9a](i, iii, iv), 7
72	T, Feb 21	* Arithmetic Series (Sum of...) -- P.20 #1 o.l., 2, 3a, 5, 9, 10 o.l., 12a)(i, ii)
71	F, Feb 22	* Review -- Pre-test
70	M, Feb 25	* Review -- Pre-test
69	T, Feb 26	* Test #2 - Number Sequences and Rational Exponents
68	W, Feb 27	* Polynomials (Unit 3) * Monomials and Volume, Area -- P.328-329 #5a, 6a, 8 all, 11 all -- P.335-336 #18

Count	Date	Subject and Homework
67	T, Feb 28	<p>* Adding and Subtracting Polynomials</p> <p>-- P.342 #(3, 8, 11, 15) o.l.</p> <p>* Multiplying Monomials and Polynomials</p> <p>-- P.347-348 #(1, 5, 17) e.t.</p> <p>-- P.357 #(2, 3) e.t., (10, 17-19, 21) o.l.</p>
66	F, Feb 29	<p>* Factoring a Greatest Common Factor</p> <p>-- P.347-348 #(2, 6, 12-14, 16) e.t.</p>
65	M, Mar 3	<p>* Factoring (Part I) - Grade 9 Review and Grade 10</p> <p>-- P.365 #(3, 7-8, 16, 17, 19-21) e.t.</p>
64	T, Mar 4	<p>* Factoring (Part II) - Grade 10</p> <p>-- P.371 #(3-5, 7, 9, 10, 18-20) e.t.</p>
63	W, Mar 5	<p>* Factoring a Difference of Squares - Grade 9 Review and Grade 10</p> <p>-- P.377 #(3-5) e.t., 7 o.l.</p>
62	T, Mar 6	<p>* Review All Factoring Types</p> <p>-- Worksheets</p>
61	F, Mar 7	<p>* Division of a Polynomial by a Polynomial</p> <p>-- p. 390 #(4, 6, 8) o.l.</p>
60	M, Mar 10	<p>* Review for the Test</p> <p>-- Worksheets</p>

Count	Date	Subject and Homework
59	T, Mar 11	* Review for the Test -- Worksheets
58	W, Mar 12	* Test #3 - Polynomials
57	T, Mar 13	* Math 9 Trigonometry (SOH CAH TOA) and Double Triangles -- p. 484 #(1,2,6) o.l., 4,5,7-10, 12(a-c), 16
56	F, Mar 14	* Math 9 Trigonometry Application Questions -- Handouts
	March 15 - 30	* Spring Break, School Closure
55	M, Mar 31	* Sine and Cosine of Obtuse Angles -- p. 496 #(1, 4, 5, 7) e.t.
54	T, Apr 1	* The Sine Law -- p. 509 #(1, 3, 4) o.l., 8-12 evens
53	W, Apr 2	* The Cosine Law -- p. 517 #(1, 3, 4a, 7) o.l., 5, 11,13
52	T, Apr 3	* Sine Law and Cosine Law Word Problems -- Worksheet
51	F, Apr 4	* Vectors -- Bearing and Course -- Worksheet
50	M, Apr 7	* Vectors -- Bearing and Course Applications -- Worksheet

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49	T, Apr 8	* Review -- p. 524 #(1-10) o.l., 11-16, worksheet
48	W, Apr 9	* Review -- p. 524 #(1-10) o.l., 11-16, worksheet
47	T, Apr 10	* Test #4 - Trigonometry
46	F, Apr 11	* Plotting points, x/y Charts -- p. 202 #(1a, 2a, 7a) o.l., 4 * Length and Midpoint of a Segment -- p. 149 #(3, 5, 6, 8, 10) a, e -- p. 158 #(2, 5, 13a) a, e, #(1, 4, 6, 9a)
45	M, Apr 14	* Slope of a Line -- p. 166 #(3, 7) a, c, e -- p. 210 #1a/c, 2a odds, 4b all, 10a, 14a/c, 8a * Parallel and Perpendicular Slopes -- p. 177 #(1, 2, 6, 12) a/c, 13 -- p. 187 #(1-4, 6) a/c
44	T, Apr 15	* Equation of a Line (Part I) -- p. 217 #(1-4, 10, 11) a/c/e, 5a odds, 6a/b, 7a
43	W, Apr 16	* Equation of a Line (Part II) -- p. 226 #(2-6, 13) a, c, e, #9
42	T, Apr 17	* Standard Form -- p. 233 #(1-6, 8, 9) a/c/e, 10

Count	Date	Subject and Homework
	F, Apr 18	* Non-instructional Day
41	M, Apr 21	* Equation Writing for a Line -- Handout
40	T, Apr 22	* Review -- Handout
39	W, Apr 23	* Review -- Handout
38	T, Apr 24	* Test #5 -- Analytical Geometry
37	F, Apr 25	* Introduction to function, domain, and range -- p. 316 #1-6
36	M, Apr 28	* Linear Functions (Part I) -- p.279 #1 o.l., 2(abde), 3, 5, 8, 10, 18(ac)
35	T, Apr 29	* Linear Functions (Part II) -- p.295 #1, 2 (i, ii), 5, 6(i, iii), 8, 9, 10ab, 12
34	W, Apr 30	* Function Notation -- p.306 #(1, 5, 7-10, 12, 15, 16) o.l., 18a
33	T, May 1	* Review to Date -- Handout
32	F, May 2	* Review
31	M, May 5	* Test #6 - Functions

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30	T, May 6	* Evaluating Rational Expressions and Restrictions -- p.402 #2 e.t.(4, 6, 11, 13, 16, 18) o.l.
29	W, May 7	* Simplifying Rational Expressions -- p.407 #(2-4, 8) e.t.(10-12, 14, 17) o.l.
28	T, May 8	* Multiplying and Dividing Rational Expressions -- p.413 #(1-7) e.t., (10-12, 15-17) o.l.
27	F, May 9	* Adding and Subtracting Rational Expressions (Part I) -- p.421 #(5-7, 11-14, 16-20) e.t.
26	M, May 12	* Adding and Subtracting Rational Expressions(Part II) -- p.428 #(1-4, 6, 7)e.t., (13, 14, 16, 17)o.l.
25	T, May 13	* Review
24	W, May 14	* Review
23	T, May 15	* Test #7 -- Rational Expressions
22	F, May 16	* Review of Grade 9 Quadratic Equations (All Types) -- Handouts * Solving Quadratic Equations -- p.384 #(1-3)o.l., + Handout
	M, May 19	* NO SCHOOL [Victoria Day]
21	T, May 20	* Solving Quadratic Equation Word Problems -- Handout

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20	W, May 21	* Solving Rational Equations -- p.434 #(1, 2)e.t., 4, 5, 6
19	T, May 22	* Solving Rational Equations -- p.434 #8 o.l., 10-11 e.t., 12-13 o.l.
18	F, May 23	* Solving Rational Word Problems (Part I) -- Handout
17	M, May 26	* Solving Rational Word Problems (Part II) -- Handout
16	T, May 27	* Review for the Test -- Handout
15	W, May 28	* Test #8 -- Solving Equations
14	T, May 29	* Review for Exam 1 (Number Sequences and Exponents) -- p. 1.4 #(1-7, 9-11) -- p. 1.5 #(13-15, 20)
13	F, May 30	* Review for Exam 2 (Radicals) -- p. 2.7 #(2-4) -- p. 2.8 #(11-19)
12	M, June 2	* Review Block

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11	T, June 3	* Review for Exam 3 (Coordinate Geometry) -- p. 3.4 #(1-6, 8) -- p. 3.5 #(9-11, 13, 14) -- p. 3.6 #(15-20) -- p. 4.4 #(1-5) -- p. 4.5 #(6-13) -- p. 4.6 #(14-20)
10	W, June 4	* Review for Exam 4 (Functions) -- p. 5.4 #(2-6) -- p. 5.5 #(8-13) -- p. 5.6 #(15-17)
9	T, June 5	* Review Block
8	F, June 6	* Review Final - Part One
7	M, June 9	* Review for Exam 5 (Polynomials) -- p. 6.5 #(1, 2, 5, 6, 8) -- p. 6.6 #(10-13, 16-19)
6	M, June 10	* Review for Exam 6 (Rational Expressions) -- p. 7.6 #(1-9) -- p. 7.7 #(10-13, 15-17) -- p. 7.8 #(18-20)

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5	T, June 11	* Review for Exam 7 (Trigonometry and Statistics) -- p. 8.4 #(1-6, 8) -- p. 8.5 #(10-14) -- p. 8.6 #(16-20)
4	W, June 12	* Review Block
3	T, June 13	* Review Final - Part Two
2	F, June 16	* Independent Review
1	M, June 17	* Independent Review