

Montgomery College
Department of Mathematics
Rockville Campus

ICL – Schedule and Assignments, Spring 2009

Note: Each lesson has a computer quiz unless specified.

LESSON NUMBER	SCORE	TITLE/VIDEO	HOMEWORK ASSIGNMENT	TARGET DATE
1		Solving Equations	Vol 1 HA1-800 #1-19 odd	1/30
2		Solving Inequalities	Vol 1 HA1-801 # 1-19 odd	
3		Computer Test	Lessons 1 & 2	
4		Identify and Multiply Monomials	Vol 1 HA1-220 # 1-19 odd	
5		Dividing Monomials, Zero Exponent	Vol 1 HA1-225 # 1-19 odd	
6		Raising Monomials to a Power	Vol 1 HA1-230 # 1-19 odd	2/06
7		Negative Exponents	Vol 1 HA1-815 # 1-15 odd	
8		Scientific Notation	Vol 1 HA1-235 # 1-13 odd	
9		Computer Test	Lessons 4-8	
10		Identifying the Degree of a Polynomial	Vol 1 HA1-240 # 1-17 odd	
11		Adding and Subtracting Polynomials	Vol 1 HA1-245 # 1-15 odd	2/13
12		Simplifying Algebraic Expressions	Vol 1 HA1-920 # 3-27 odd excluding #17	
13		Squaring a Binomial	Vol 1 HA1-260 # 1-13 odd, and 19	
14		Computer Test	Lessons 10-13	
15		Factoring out the GCF	Vol 1 HA1-270 #1, 3, 5, 7, 17, 19, 21, 23, 27, 37	
Exam #1 (Lessons 1 – 14) Note: Exam #1 ends with lesson 14. Turn in your homework on lessons 1 - 14 Monday, Wednesday, Friday classes have exam #1 on 2/16 (Monday) Tuesday, Thursday classes have exam #1 on 2/17 (Tuesday) 5 pm MW class has exam #1 on 2/16 (Monday)				2/16 or 2/17

WARNING: For the remainder of the course, some assignments will be from Volume 1 and some from Volume 2.

LESSON NUMBER	SCORE	TITLE/VIDEO	HOMEWORK ASSIGNMENT	TARGET DATE
16		Factoring Special Products	Vol 1 HA1-275 # 1-19 odd	2/20
17		Factoring $x^2 + bx + c$	Vol 1 HA1-802 # 1-19 odd	
18		Factoring $ax^2 + bx + c$	Vol 1 HA1-290 # 11-17 all	
19		Factoring a Polynomial Completely * (handout, no video)	Vol 1 HA1-300 #1, 5, 7, 9, 11, 13, 19 If Pretest score is less than 100%, work all problems on the handout called "Factoring a Polynomial Completely" then take Paper and pencil quiz	2/27
20		Computer Test	Lessons 15-19	
21		Solving Polynomial Equations by Factoring	Vol 1 HA1-305 # 1-17 odd	
22		Introduction to Rational Expressions	Vol 2 HA1-315 # 1-17 odd	
23		Simplifying Rational Expressions	Vol 2 HA1-320 # 1-19 odd Work supplementary handout, as needed, for lesson 23.	3/06
24		Multiplying Rational Expressions	Vol 2 HA1-325 # 1-15 odd	
25		Dividing Rational Expressions	Vol 2 HA1-330 # 1-13 odd Work supplementary handout, as needed, for lesson 25.	
26		Computer Test	Lessons 21-25	
27		Finding the LCD and Equivalent Fractions	Vol 2 HA1-335 # 1-17 odd	3/10
28		Adding and Subtracting Rational Expressions	Vol 2 HA1-340 # 1-15 odd	
Exam #2 (Lessons 15 – 26) will be taken the last class before spring recess. Turn in your homework on lessons 15-26. Note: Exam #2 ends with lesson 26. Monday, Wednesday, Friday classes have exam #2 on 3/13 (Friday) Tuesday, Thursday classes have exam #2 on 3/12 (Thursday) 5 pm MW class has exam #2 on 3/11 (Wednesday)				3/11 or 3/12 or 3/13

Exam #2 is the last class before Spring Recess and Spring Recess is 3/16 – 22.

* For Lesson 19, only the Pretest is on the computer. No video presentation or quiz is on the computer for this lesson. If you do not get 100% on the Pretest you must study the handout, work out the assigned problems, submit them with corrections to your instructor, and then take a paper and pencil quiz.

LESSON NUMBER	SCORE	TITLE/VIDEO	HOMEWORK ASSIGNMENT	TARGET DATE
29		Solving Rational Equations	Vol 2 HA1-365 # 1-17 odd	3/ 27
30		Solving Literal Equations	Vol 1 HA1-175 # 1-17 odd	
31		Computer Test	Lessons 27-30	
32		Graphing Ordered Pairs of Numbers	Vol 1 HA1-370 # 1-9 odd	
33		Identifying Solutions of Equations in Two Variables	Vol 1 HA1-375 # 1-13 odd	
34		Graphing Linear Equations	Vol 1 HA1-380 # 1-9 odd	4/03
35		Finding the Slope of a Line	Vol 1 HA1-385 # 1-19 odd	
36		Graphing a Line using Slope-Intercept	Vol 1 HA1-866 # 1 – 19 odd	
37		Graphing a Line using slope and a point.	Vol 1 HA1-398 # 1-25 odd	
38		Computer Test	Lessons 32-37	
39		Using Point-Slope to write the Equation of a Line	Vol 1 HA1-405 # 1-10 all	4/07
40		Using Two Points to Write the Equation of a Line	Vol 1 HA1-410 # 1-10 all, 19	
41		Computer Test	Lessons 39 & 40	
Exam #3 (Lessons 27 – 38) Note: Exam #3 ends with lesson 38 Turn in your homework on lessons 27-38 Monday, Wednesday, Friday classes have exam #3 on 4/10 (Friday) Tuesday, Thursday classes have exam #3 on 4/09 (Thursday) 5 pm MW class has exam #3 on 4/08 (Wednesday)				4/08 or 4/09 or 4/10

LESSON NUMBER	SCORE	TITLE/VIDEO	HOMEWORK ASSIGNMENT	TARGET DATE
42		Solving Systems of Linear Equations by Graphing	Vol 2 HA1-455 # 1, 3, 5, 7, 25, 27, 29	4/17
43		Solving Systems of Linear Equations by Substitution	Vol 2 HA1-460 # 1-19 odd	
44		Solving Systems of Linear Equations by Elimination	Vol 1 HA1-803 # 1-19 odd	
45		Computer Test	Lessons 42-44	
46		Simplifying Square Roots	Vol 2 HA1-490 # 1-11 odd	
47		Pythagorean Theorem	Vol 2 HA1-515 # 1-17 odd	4/24
48		Quadratic Formula	Vol 2 HA1-535 # 5-19 odd Also work supplemental problem handout on using your calculator to make approximations.	
49		Computer Test	Lessons 46-48	
50		Writing Equations to Solve Word Problems	Vol 1 HA1-150 # 1-15 odd	
51		Distance, Rate and Time Problems	Vol 1 HA1-160 # 1-17 odd	
52		Applying Algebraic Concepts Lesson presentation on computer	Watch lesson presentation on computer, then work all problems on the handout called "Practice problems for Lesson 52", then take Paper and Pencil Quiz .	4/28
Exam # 4 (Lessons 39-51) Note: Exam #4 ends with lesson 51 Turn in your homework on lessons 39-51. All formulas must be memorized for exam #4 and the final exam. Lessons 52 and 53 are included on the final exam but not on exam #4. Monday, Wednesday, Friday classes have exam #4 on 5/01 (Friday) Tuesday, Thursday classes have exam #4 on 4/30 (Thursday) 5 pm MW class has exam #4 on 4/29 (Wednesday)				4/29, 4/30, or 5/01
53		Application of Linear Functions Lesson presentation on computer	Vol 2 HA1-960 # 1-17 odd Take Paper and Pencil Quiz .	5/8
Review for Final Exam		Study the MA 091 "Final Exam Review". Get your copy at: http://www.montgomerycollege.edu/Departments/math/ExamReview/MA091rockville.pdf		

Friday, May 8, 2009 is the last day of regular classes.

Final exam week is Monday, May 11 – Sunday, May 17, 2009.

Check with your instructor for the exact date and time of your final exam or see posted schedule.

Final exams must be taken with your class.

ICL Lab will be open on the following Saturdays 10 am – 1 pm:

2/07, 2/14, 2/28, 3/07, 3/28, 4/04, 4/18, 4/25, 5/02, 5/09