

Math 123: Module B Guidelines and Homework:

Please do the lessons and homework in the order given.

Unless otherwise instructed, do the Instruct section (take notes!) then proceed to Certify. If you're unable to Certify then proceed to Practice. Practice as much as you need to in order to build your knowledge and skill enough to complete the Certify.

You MUST certify in all sections listed and you MUST do all the homework before taking the Module Exam.

Computer Lesson	Guidelines (work to be done on the computer)	Homework (work to be done out of the book)
4.1	Cartesian Coordinate System , Do Instruct, Practice (as needed), and Certify	4.1 page 312: 9, 15, 21, 27, 45, 49, 57, 60 (possible answers: (0, 3), (-2, 3), (1, 3)), 61, 63, 67
4.2	Graphing Linear Equations: $Ax + By = C$ Do Instruct, Practice (as needed), and Certify	4.2 page 330: 7, 9, 11, 25, 27, 33, 35, 47, 51, 53
4.3	The Slope-Intercept Form: $y = mx + b$ Do Instruct, Practice (as needed), and Certify	4.3 page 347: 5, 11, 19, 23, 25, 41, 43, 51, 53, 61, 63, 65, 69
4.4	The Point-Slope Form: $y - y_1 = m(x - x_1)$ Do Instruct, Practice (as needed), and Certify	4.4 page 357: 1 - 9 odd, 13, 15, 17, 21, 25, 26 (answer: $y = -2$), 27, 28 (answer: $x = -1$), 33, 35, 37, 38 (answer: parallel)
4.6	Graphing Linear Inequalities Do Instruct, Practice (as needed), and Certify	4.6 page 381: 13, 15, 17, 21
Module B, Part I, Exam Review	Note: The Module Exam is a regular paper-and-pencil exam, taken offline. Please memorize all the forms of the line equation as well as the Slope Formula.	Review: page 393: 1 - 11 ALL, 13, 14, 15, 24, 25
5.1	Systems of Equations: Solutions by Graphing , Do Instruct, Practice (as needed), and Certify	5.1 page 410: 1, 5, 7, 13, 17, 21, 28 (answer: dependent, infinite solutions)
5.2	Systems of Equations: Solutions by Substitution , Do Instruct, Practice (as needed), and Certify	5.2 page 417: 7, 9, 13, 15, 25, 31, 33,
5.3	Systems of Equations: Solutions by Addition , Do Instruct, Practice (as needed), and Certify	5.3 page 426: NOTE: Please use the Addition Method ONLY on these problems. Do not use the Substitution Method. Credit in the HW (as well as on the exam) will be based on using the correct method. 17, 23, 25, 29, 31
5.4	Applications: Distance, Rate and Time; Number; Money Do Instruct, Practice (as needed), and Certify	5.4 page 435: Number problems: 1, 3 DRT problems: 11, 13, 15 Money/ticket problems: 19, 21, 29, 33 Geometry: 23, 31
5.5	Applications: Interest and Mixture Problems Do Instruct, Practice (as needed), and Certify	5.5 page 445: Interest: 1, 13 Mixture: 15, 17, 19
Module B, Part II, Exam Review	Note: The Module Exam is a regular paper-and-pencil exam, taken offline.	Review: page 460: 1, 4, 5, 7, 10, 11, 12, 17, 18, 19, 20 page 458: 37

