

Math 127: Module B Guidelines and Homework

Only Scientific Calculators (non-graphing) may be used on the Module Exams.

Please do the sections 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.

On sections marked "**Review**" you may proceed directly to Certify. On these sections, do Instruct and Practice only as needed to complete the Certify.

Computer Lesson	Guidelines (work to be done on the computer)	Homework (work to be done out of the book)
4.4b	Long Division Algorithm	4.4: page 320: 11, 27, 31, 43, 55
A.2	Synthetic Division	A.2: page 892: 1, 5, 7, 9, 15
4.5a	Review: Factoring: GCF	4.5: page 327: 5, 13
4.6a	Review: Factoring Trinomials	4.6: page 337: 1 - 17 eoo
4.7a	Review: Factoring: Squares	4.7: page 345: 7, 11, 13, 15
4.8	Review: Solving Equations by Factoring	4.8 : page 357: 7, 11, 19, 23, 31, 33, 43, 59, 61, 69
5.1a, b	5.1a: Defining Rational Expressions 5.1b: Multiplication and Division of Rational Expressions	5.1: page 394: 5, 9, 13, 25, 29, 49, 51, 59
5.2	Addition and Subtraction of Rational Expressions	5.2: page 405: 1 - 33 eoo, 43
5.3	Complex Fractions	5.3: page 411: 1, 5, 9, 13, 21, 23, 25
5.4a	Solving Rational Equations	5.4: page 422: 27, 37, 39, 45, 55, 57, 59
5.5	Applications	5.5: page 433, 434: Work problems (see Ex. 2): 17, 19 Rate problems (see Ex 3): 23, 25, 27
5.6	Variation	5.6: page 443: 19, 27, 31, 37, 43
Module B Exam Review		Review: page 379: 13, 15, 18, 23, 24, 31, 35, 36 page 892: 3 page 456: 1, 6, 7, 8, 10, 14, 19, 20, 21, 23 Note: This is just a sampling of the type of problems that may appear on the exam. Be sure to study ALL types of problems you've done in this module.