# Math 123:  Module C Guidelines and Homework

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**.

| Computer Lesson | Guidelines (for work on the computer) | Homework (work done out of the book) |
|---|---|---|
| 6.1 | **Simplifying Integer Exponents I** Do Instruct, Practice, Certify | **6.1:**  page 478:  3, 7, 11, 27, 31, 47, 51, 57 |
| 6.2 a, b | **6.2a: Simplifying Integer Exponents II** Do Instruct, Practice, Certify **6.2b:  Scientific Notation** Do Instruct, Practice, Certify | **6.2:**  page 491:  1 - 15 odd;  23, 29, 35 45, 47, 51, 53, 69 |
| 6.3 a, b | **Introduction to  Polynomials** Do Instruct, Practice (as needed), Certify in both sections. | **6.3:**  page 498:  1 - 9 odd;  19, 25 |
| 6.4 | **Adding and Subtracting Polynomials** Do Instruct, Practice (as needed), Certify | **6.4:**  page 505:  5, 9, 21, 27, 41, 47, 53, 57 |
| 6.5 a, b | **Multiplying Polynomials** Do Instruct, Practice (as needed), Certify in both sections | **6.5:**  page 512:  7, 19, 21, 23, 25, 29, 39, 65, 67 |
| 6.7 a, b | **6.7a:  Division of a Polynomial by a Monomial** **6.7b:  Division of a Polynomial by another Polynomial (Long Division)** Do Instruct, Practice (as needed), Certify in both sections | **6.7:**  page 532:  1, 9, 13, 15 21, 23, 29, 35, 41, 49 |
| 7.1 a, b, c | **7.1a,b:  Greatest Common Factor** **7.1c:  Factoring by Grouping** Do Instruct, Practice (as needed), Certify in all 3 sections | **7.1:**  page 556:  25, 37, 41, 43, 51, 53, 55, 61, 63, 73, 81 |
| 7.2 | **Factor Simple Trinomials** Do Instruct, Practice (as needed), Certify | **7.2:**   page 563: 27, 31, 35, 37, 41, 43, 47, 49, 51, 57 |
| 7.3 | **Factor Advanced Trinomials** Do Instruct, Practice (as needed), Certify | **7.3:**  page 575: 17, 19, 21, 23, 29, 31, 39, 47, 49, 51 |
| 7.4 | **Factor Special Products** Do Instruct, Practice (as needed), Certify | **7.4:**  page 583:  1, 3, 9, 11, 13,  19, 21, 25, 35, 36 (not factorable), |
| **Factoring Summary** | **See page 611 for a summary of factoring techniques.** | Page 619:  45 - 64 ALL |
| **Module C Exam Review** | Note:  The Module Exam is a regular paper-and-pencil exam, taken offline. | **Review:**  page 541:  1 - 25 ALL; 27, 29 page 615:  1, 5 - 16 ALL |

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