

## Math 123: Module A Guidelines and Homework:

Do all of your work in this Module WITHOUT using a calculator (no calculators will be allowed on the first exam.)

Please do the lessons 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.

<b>Computer Lesson</b>	<b>Guidelines</b> (work done on the computer)	<b>Homework</b> (work done out of the book)
<b>R2</b>	<b>Primes, LCM <b>Review</b></b> Do Instruct (as needed), Practice (as needed), and Certify	<b>R2:</b> page 22: 7, 11, 21, 37, 41b, 43, 49, 51, 55
<b>R3</b>	<b>Fractions <b>Review</b> (Multiplication and Division)</b> Do Instruct (as needed), Practice (as needed), and Certify	<b>R3:</b> page 33: 11, 21, 23, 29, 41, 43, 45, 53
<b>R4</b>	<b>Fractions <b>Review</b> (Addition and Subtraction)</b> Do Instruct (as needed), Practice (as needed), and Certify	<b>R4:</b> page 43: 5, 21, 35, 41, 49
<b>1.1</b>	<b>Number Line and Absolute Value <b>Review</b></b> Do Instruct (as needed), Practice (as needed), Certify	<b>1.1:</b> page 86: 5 – 69 eoo  Note: "eoo" means "every <u>other</u> odd" as in do 5, skip 7, do 9, skip 11, do 13, etc.
<b>1.2, 1.3, 1.4</b>	<b>Positive and Negative Numbers <b>Review:</b></b> You should be able to go to Certify immediately on all three of these lessons.	No Homework on these three sections (lucky you!). Certify in EACH section only.
<b>2.5</b>	<b>Order of Operations</b> Do Instruct (as needed), Practice (as needed), Certify	<b>2.5:</b> page 176: 9 – 41 eoo
<b>1.5</b>	<b>Properties of Real Numbers</b> Do Instruct, Practice (as needed), Certify	<b>1.5:</b> page 122: 1 – 9 odd, 21, 25
<b>2.1a, b, c</b>	<b>Simplifying Expressions</b> Do Instruct, Practice (as needed) and Certify <u>in all 3 sections.</u>	<b>2.1:</b> page 141: 1, 3, 25 – 37 odd, 49, 53, 61
<b>2.6</b>	<b>Translating Words to Algebra</b> Do Instruct, Practice (as needed), Certify	<b>2.6:</b> page 183: 1 – 15 odd, 17 – 37 eoo

<b>3.1a, c</b>	<b>Solving Equations</b> Do Instruct, Practice (as needed) and Certify <u>in both sections.</u>	<b>3.1:</b> page 209: 5 – 33 eoo
<b>3.3</b>	<b>Solving Equations</b> Do Instruct, Practice (as needed), Certify	<b>3.3:</b> page 225: 1 – 33 eoo,
<b>3.4</b>	<b>Solving Inequalities</b> Do Instruct, Practice (as needed), Certify	<b>3.4:</b> page 237: 23, 31, 35, 37, 39, 41, 43, 51, 53, 55
<b>3.5a</b>	<b>Solving Formulas</b> Do Instruct, Practice (as needed), Certify	<b>3.5:</b> page 247: 9, 11, 17, 19, 29, 31, 45, 47, 51
<b>3.6</b>	Applications Do Instruct, Practice (as needed), Certify	<b>3.6:</b> page 256: Number Problems: 1, 3, 5, 11 Geometry Problems: 17, 19 Consecutive Integers: 27, 31
<b>Module A Exam Review</b>	Note: The Module Exam is a regular paper-and-pencil exam, taken in class.  <b>No Calculators are allowed on the Module A exam.</b>	<b>Review:</b> page 69: 3, 5, 9, 25, 27, 29, 31  page 133: 1, 2, 3, 18, 19, 23  page 194: 1, 2, 3, 11, 12, 13, 14, 18, 19  page 293: 1, 3, 4, 6, 11, 12, 13, 20, 21, 23, 26 page 296: 1, 2, 3, 7a, 10, 12, 27, 29, 31, 39, 40, 51, 54