

Grande Prairie Regional College  
Academic Upgrading Department

## INTRODUCTION TO MATH 0115

This course is divided into 10 separate units called modules. The instructions are given in the modules along with several examples and exercises. Study the instructions and work through the examples before starting the exercise. The answers for the exercises are given at the end of the module. Check your work often. **The key to success in working with modules is to ask questions** whenever you have difficulty understanding the instructions, the examples or the exercises. **Do not hesitate to ask for help.**

After each module you must write a post-test. A passing mark of 60% is required on the post-test before continuing on to the next module. Students unable to attain this mark must review the material and rewrite the test to continue. The first and second test mark will be averaged.

All students will be required to write a 50 minute midterm which will cover the first 5 modules. Upon completion of all modules the student will write a three hour final exam.

The recommended test date for each module and the midterm is on the back. **Consult your instructor immediately if you find yourself falling behind schedule.** It may be necessary to reassess your math skills to ensure that you are placed in a course where you can be successful.

Your final mark is determined by:

10 module tests	40%
Midterm	20%
Final Exam	40%

You will find a calculator, with the following functions, helpful in this course:

$EXP$ ,  $\sqrt{x}$ ,  $\sin$ ,  $\cos$ ,  $\tan$ ,  $y^x$ ,  $\pi$ ,  $\%$

## BONUS

When you write your midterm on or before the given date, you will receive an additional 5% on your score.

**MATH 0115 - Fall 2001**

Module	TOPIC/DESCRIPTION	Recommended Time & Test Date	Date you wrote	Your mark
1	Fractions and Decimals - review fractions, decimals and percent	1½ weeks Sept. 18		
2	Insurance	1 week Sept. 25		
3	Discounts - trade discounts, discount series - cash discounts	1½ weeks Oct. 4		
4	Markup and Markdown - selling price	1½ weeks Oct. 16		
5	Consumer Credit	1 week Oct. 23		
	<b>MIDTERM EXAM</b>	<b>Oct. 26</b>		
6	Algebraic Terms - four basic operations	1½ weeks Nov. 6		
7	Equations	1 week Nov. 13		
8	Language of Algebra - writing algebraic expressions - writing algebraic equations - word problems	1 week Nov. 20		
9	Geometry -perimeter, area and volume	1 week Nov. 27		
10	Trigonometry - Pythagorean Theorem - sin, cos, and tan	2 weeks Dec. 11		
	<b>FINAL EXAM - 3 HOURS</b>	<b>T.B.A.</b>		