

MATERIAL COVERED

The Math 11 Principles course is divided into three main sections:

Patterns and Relations I

- Personal Finances
- Systems of Equations
- Linear Inequalities

Patterns and Relations II

- Quadratic Functions
- Quadratic and Polynomial Equations
- Functions

Shape and Space

- The Circle
- Coordinate Geometry and Trigonometry

TEXTBOOK

The course uses the following text:

Mathpower 11 (Western Edition)

(ISBN 0-07-552598-4, McGraw-Hill Ryerson)

GRADING

This course works on a mastery system. You must pass the mastery tests in each unit to the 80% level before you can go on. In addition, there are cumulative tests from time to time. These are tests you can take only once, so studying before them is essential to do well. Your final mark for the course is based 60% on mastery tests and 40% on cumulative tests.

GOAL

The goal of this unit is to increase your skills with personal finances, and to warm up you math skills again.

OBJECTIVES

While completing this unit you will investigate the following topics and practice working with

- earning income
- deductions from income
- interest and annuities
- consumer credit and interest rates
- housing costs
- balancing a budget

WHAT TO DO IN THIS UNIT

- Be sure to do the warm up exercises at the beginning of the chapter if you need the practice. Read and follow the example problems at the beginning of each section, then do the practice problems on the pages in the table below. Be sure to tick off each section as you complete it.

| MathPower 11 | | |
|---------------------|------|-----------------------------------|
| ✓ | Unit | Practice by doing these questions |
| | 9.1 | P.530 #1-27 odds |
| | 9.2 | P.536 #1-25 odds |
| | 9.3 | P.542 #1-33 odds |
| | 9.4 | P.549 #1-17 odds |
| | 9.5 | P.555 #1-25 odds, 26, 28 |
| | 9.6 | P.560 #1-33 odds |
| | 9.7 | p.565 #1-22 |

- When you are ready, ask your teacher for the Unit 1 Test. Remember, you must get 80% to pass, so studying hard is essential to do well.