

Unit 8 Outline

Compound Interest and Annuities

Learning Goals: This unit we will.....

1. Demonstrate an understanding of the difference between simple and compound interest
2. Use formulas and software to solve for future value, present value, interest rate and time for various type of investments
3. Demonstrate an understanding of calculating the future or present value of annuities
4. Investigate the effects of changing the conditions of investments (payments, frequency of payments, interest rate etc.)
5. Solve problems involving loans using formulas and software

Day	Text Ref.	Topics	Homework	Done (√)
1	7.1 7.2 7.4	Simple Interest Compound Interest & Present Value	Worksheet p. 508 #1-3, 8-14, p. 523 #2, 6, 7, 8, 10, 16	
2		Exam Review		
3	7.5	Ordinary Annuities	p. 532 #4, 5, 6, 8, 10, 12, 14	
4	7.6	Present Value of an Ordinary Annuity	p. 541 #4, 5, 8, 9, 10, 12, 17	
5		Review	Worksheet Extra Practice: 572 – 576 #1-6, 8, 10-12, 15-17	
6		TEST!!!		