

CHAPTER OVERVIEW

6: Mathematics of Finance

Learning Objectives

In this chapter, you will learn to:

1. Solve financial problems that involve simple interest.
2. Solve problems involving compound interest.
3. Find the future value of an annuity, and the amount of payments to a sinking fund.
4. Find the future value of an annuity, and an installment payment on a loan.

6.1: Simple and Compound Interest

6.1.1: Simple and Compound Interest (Exercises)

6.2: Annuities and Sinking Funds

6.2.1: Annuities and Sinking Funds (Exercises)

6.3: Present Value of an Annuity and Installment Payment

6.3.1: Present Value of an Annuity and Installment Payment (Exercises)

6.4: Miscellaneous Application Problems

6.4.1: Miscellaneous Application Problems (Exercises)

6.5: Classification of Finance Problems

6.5.1: Classification of Finance Problems (Exercises)

6.6: Chapter Review

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