

Chapter 20

Learning Objective 1

Describe the importance of capital investments and the capital budgeting process





























Factors That Affect Time Value of Money

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- Principal (p) amount of the investment
- Number of periods (n)
- Interest rate (i) annual percentage



Factors for Present Value and Future Value

- Mathematical formulas developed to compute present and future values
- These factors are programmed into business calculators and spreadsheet programs

Using PV and FV factors

- Lump sum
- Annuity



Objective 4

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Use discounted cash flow models to make capital investment decisions

Discounted Cash Flows Models

- Recognize time value of money
- Two methods:
 - Net present value (NPV)
 - Internal rate of return (IRR)
- Compare amount of investment with its expected net cash inflows

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 Companies use present value to make the comparison























