

Spreadsheet Supplements (contd.)



7e Spreadsheet TutorPak™ Tutorial, Step-thru Applications, and Topic Roadmap for Microsoft Excel™

Features (contd.):



Enhanced Microsoft Excel™ Spreadsheets: Designed to provide dynamic illustration of important financial concepts presented in the textbook. For example, an amortization table is provided that allows students to vary the loan amount, interest rate, and maturity of an amortized loan and see the resulting changes to the month-by-month figures. Mean, standard deviation, and correlation coefficient input values can be changed by the student with two-asset portfolio values, including a graph, are generated. Price, variable cost, and fixed cost figures can be varied by the students with the resulting break-even information, including a graph, provided by the spreadsheet. These are just a few examples of how important finance concepts are presented in a dynamic way to facilitate learning, rather than relying on only a static two dimensional page. (Format *Microsoft Excel™*)

Table 7-2: Expected value (μ), Standard Deviation (σ), and Coefficient of Variation (CV) of Possible Operating Income Values for Company Calm and Bold, Assuming All Expenses Are Fixed

Company Calm

	Probability of Occurrence				
	5%	10%	70%	10%	5%
Sales	\$600	\$800	\$1,000	\$1,200	\$1,400
Variable Expenses	\$860	\$860	\$860	\$860	\$860
Operating Income (EBIT)	####	\$ (60)	\$ 140	\$ 340	\$ 540

μ of possible operating income values per equation 7-1: \$140.00
 σ of possible operating income values per equation 7-2: \$154.92
 CV of possible operating income values per equation 7-3: 110.7%

Company Bold

	Probability of Occurrence									
	4%	7%	10%	18%	22%	18%	10%	7%	4%	
Sales	\$200	\$400	\$600	\$800	\$1,000	\$1,200	\$1,400	\$1,600	\$1,800	
Variable Expenses	\$860	\$860	\$860	\$860	\$860	\$860	\$860	\$860	\$860	
Operating Income (EBIT)	####	####	\$ (260)	\$ (60)	\$ 140	\$ 340	\$ 540	\$ 740	\$ 940	

μ of possible operating income values per equation 7-1: \$140.00
 σ of possible operating income values per equation 7-2: \$384.71



Roadmap: Lists and describes in detail the Step-thru Applications by chapter, with handy bookmarks, so students can jump right to the Step-thru Application they want to work on. (Format: *Microsoft Excel™*)



Chapter	Example on	Chapter	Example on
Chapter 1	Page 165: Mean Page 165: Standard Deviation Page 166 Page 170 - 171 Page 172 Page 173	Chapter 2	Page 199 Page 203 Page 207 Page 209 Page 218 PV Page 219 PV Page 207, 209-210 All Together Page 211
Chapter 10	Page 276-277 Page 282 Page 286	Chapter 8	Page 212 Page 215 Page 216 Page 217 Page 219 Page 221 Page 222
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and
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