

## EXAMPLES FROM THE CD-ROM

Examples from the CD-ROM were selected from the 292 formulated solutions.

**Book:** The concept and procedural techniques are explained. All formulas are shown in a single-line format with variables spelled out, variables entered into the formula, and again with cell addresses for variables. For each application and formula, a case study is solved, the calculation shown, and the answer explained.

**CD-ROM:** All 292 computer worksheets are linked for easy access to your Microsoft Excel spreadsheet. Notice the "What if" format with variables entered and the answers calculated. The reference numbers used on the CD-ROM are the page numbers from the book.

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78 Breakeven Point Using Cost Detail

	month	quarter	annual	
fixed expenses	347479	1042437	4169748	given
variable expenses as a % of sales	6.13	6.13	6.13	given
gross margin %	46.0	46.0	46.0	given
breakeven sales - calculated <b>answer</b>	<b>871,530</b>	<b>2,614,590</b>	<b>10,458,360</b>	calculated

128 Bonds: Zero Coupon Bonds - Yield To Maturity

At exact annual interest, compounded annually.

**AUTOMATED TIME CALCULATION**

par value of the bond.	1,000.00	given
purchase price	274.625	given
current date	5-Dec-00	given
maturity date	15-May-22	given
time to bond maturity or call date - days	7,831	calculated
yield to maturity as a % of interest <b>answer</b>	<b>6.0302</b>	calculated

190 Annualized ROI - Single Investment - exact interest

**AUTOMATED TIME CALCULATION**

At exact annual interest, compounded daily

single amount invested	10,000.00	given
accumulated balance	14,037.55	given
date start	19-Mar-98	given
date end	5-Nov-01	given
time in days	1,327	calculated
annualized ROI % <b>answer</b>	<b>9.778</b>	calculated

198 Discounted Cash Flow - Equal Monthly Series

At simple annual interest, compounded annually with equal payments discounted from the end of each monthly period.

interest rate	10.0000	given
time in months	60	given
one monthly cash flow	1000.00	given
present value <b>answer</b>	<b>\$47,538.50</b>	calculated

231 Loan Payments - Monthly (This is the formula for a loan or mortgage in the U.S.)

At simple annual interest, compounded monthly with equal payments made at the end of each month

interest rate	8.5000	given
time in months	180	given
amount borrowed	150,000.00	given
monthly payments <b>answer</b>	<b>\$1,477.11</b>	calculated
total payments	265,879.68	calculated
total interest	115,879.68	calculated