

Session 6: Exercise

- 1 Open *Selling Price Calculator-1* from your sample files folder.

	A	B
3	Input Cells	
4	Cost	\$ 4.50
5	Retail Price	\$ 17.95
6	Wholesale Discount	60%
7	Annual Units	2,000.00
8		
9	Result Cells	
10	Sales (at wholesale price)	\$14,360.00
11	Total Cost	\$ 9,000.00
12	Gross Profit	\$ 5,360.00
13	Gross Profit Percent	37%

- 2 Create an attractively formatted single input data table in cells D3:F18 to display the *Gross Profit* and *Gross Profit Percent* that would result from a *Retail Price* of \$17.95 to \$24.95 in increments of \$0.50.

	D	E	F
3	Retail Price	Gross Profit	Gross Profit Percent
4	\$ 17.95	\$ 5,360.00	37%
5	\$ 18.45	\$ 5,760.00	39%
6	\$ 18.95	\$ 6,560.00	42%

- 3 Hide columns D:F.
- 4 Use *Goal Seek* to calculate the *Retail Price* that would be needed to produce exactly 50% *Gross Profit*.
- 5 Create named ranges for cells A4:B7 and cells A10:B13.
- 6 Use the scenario manager to create three scenarios:
Worst Case: 2,000 Annual Units
Expected Case: 3,500 Annual Units
Best Case: 5,000 Annual Units
- 7 Create a *Scenario Summary* report to show *Sales*, *Total Cost*, *Gross Profit* and *Gross Profit Percent* for each scenario.

Scenario Summary				
	Current Values:	Worst Case	Expected Case	Best Case
Changing Cells:				
Annual_Units	5,000.00	2,000.00	3,500.00	5,000.00
Result Cells:				
Sales_at_wholesale_price	\$ 44,997.45	\$ 17,998.98	\$ 31,498.22	\$ 44,997.45
Total_Cost	\$ 22,500.00	\$ 9,000.00	\$ 15,750.00	\$ 22,500.00
Gross_Profit	\$ 22,497.45	\$ 8,998.98	\$ 15,748.22	\$ 22,497.45
Gross_Profit_Percent	50%	50%	50%	50%

- 8 Protect the worksheet so that only cells B4:B7 (the cells shaded yellow) can be changed.
- 9 Save your work as *Selling Price Calculator-2*.

Selling Price Calculator-1

If you need help
slide the page to
the left

