

Scenario Summary						
	Best-Case Scenario		Worst-Case Scenario		Most-Likely Scenario	
Changing Cells:						
Cost of Car	\$	25,000.00	\$	25,000.00	\$	22,500.00
Down Payment	\$	5,000.00	\$	8,000.00	\$	6,500.00
APR		0.00%		6.00%		4.25%
Years		6		3		5
Result Cells:						
Monthly Payment	\$	277.78	\$	517.17	\$	296.47
Total to Repay Loan	\$	20,000.00	\$	18,618.23	\$	17,788.37
Total Interest Paid	\$	-	\$	1,618.23	\$	1,788.37

**Input Area**

Cost of Car	\$ 21,091.81
Down Payment	\$ 5,000.00
APR	4.50%
No. Years for Loan	5
Payments Per Year	12

**Output Area**

Amount of Loan	\$ 16,091.81
Periodic Rate	0.38%
No. Payment Periods	60
Monthly Payment	\$ 300.00
Total to Repay Loan	\$ 18,000.00
Total Interest Paid	\$ 1,908.19

**One-Variable Data Table: APR****Calculated Results for Each APR**

APR	Payment	Total Repaid	Total Interest
4.00%	\$ 296.36	\$ 17,781.31	\$ 1,689.50
4.25%	\$ 298.17	\$ 17,890.45	\$ 1,798.64
4.50%	\$ 300.00	\$ 18,000.00	\$ 1,908.19
4.75%	\$ 301.83	\$ 18,109.96	\$ 2,018.15
5.00%	\$ 303.67	\$ 18,220.34	\$ 2,128.53
5.25%	\$ 305.52	\$ 18,331.14	\$ 2,239.32
5.50%	\$ 307.37	\$ 18,442.34	\$ 2,350.53
5.75%	\$ 309.23	\$ 18,553.96	\$ 2,462.15
6.00%	\$ 311.10	\$ 18,665.99	\$ 2,574.18

**Two-Variable Data Table: APR and Cost of Car****Monthly Payment by Cost/APR**

APR	\$ 20,000.00	\$ 25,000.00	\$ 30,000.00
4.000%	\$ 276.25	\$ 368.33	\$ 460.41
4.125%	\$ 277.09	\$ 369.46	\$ 461.82
4.250%	\$ 277.94	\$ 370.59	\$ 463.24
4.375%	\$ 278.79	\$ 371.72	\$ 464.66
4.500%	\$ 279.65	\$ 372.86	\$ 466.08
4.625%	\$ 280.50	\$ 374.00	\$ 467.50
4.750%	\$ 281.35	\$ 375.14	\$ 468.92
4.875%	\$ 282.21	\$ 376.28	\$ 470.35
5.000%	\$ 283.07	\$ 377.42	\$ 471.78
5.125%	\$ 283.93	\$ 378.57	\$ 473.21
5.250%	\$ 284.79	\$ 379.72	\$ 474.65
5.375%	\$ 285.65	\$ 380.87	\$ 476.09
5.500%	\$ 286.52	\$ 382.02	\$ 477.53
5.625%	\$ 287.38	\$ 383.18	\$ 478.97
5.750%	\$ 288.25	\$ 384.34	\$ 480.42
5.875%	\$ 289.12	\$ 385.49	\$ 481.87
6.000%	\$ 289.99	\$ 386.66	\$ 483.32