

Loan Amortization



Inputs

Loan Principal Amount
 Annual Interest Rate
 Loan Period in Years
 Base Year of Loan
 Base Month of Loan

Loan 1
\$17,500.00
7.25%
4
2012
7



Sample Installment Loan: New Car or Advance

Key Figures

Annual Loan Payments \$5,053.08
 Monthly Payments \$421.09
 Interest in First Calendar Year \$605.57
 Interest Over Term of Loan \$2,712.32
 Sum of All Payments \$20,212.32

Payments in First 12 Months

Year	Month	Balance	Payments	Principal	Interest	Cumulative Principal	Cumulative Interest	Ending Balance
	Jul	\$17,500.00	\$421.09	\$315.36	\$105.73	\$315.36	\$105.73	\$17,184.64
	Aug	\$17,184.64	\$421.09	\$317.27	\$103.82	\$632.63	\$209.55	\$16,867.37
	Sep	\$16,867.37	\$421.09	\$319.18	\$101.91	\$951.81	\$311.46	\$16,548.19
	Oct	\$16,548.19	\$421.09	\$321.11	\$99.98	\$1,272.92	\$411.44	\$16,227.08
	Nov	\$16,227.08	\$421.09	\$323.05	\$98.04	\$1,595.97	\$509.48	\$15,904.03
	Dec	\$15,904.03	\$421.09	\$325.00	\$96.09	\$1,920.97	\$605.57	\$15,579.03
2013	Jan	\$15,579.03	\$421.09	\$326.97	\$94.12	\$2,247.94	\$699.69	\$15,252.06
	Feb	\$15,252.06	\$421.09	\$328.94	\$92.15	\$2,576.88	\$791.84	\$14,923.12
	Mar	\$14,923.12	\$421.09	\$330.93	\$90.16	\$2,907.81	\$882.00	\$14,592.19
	Apr	\$14,592.19	\$421.09	\$332.93	\$88.16	\$3,240.74	\$970.16	\$14,259.26
	May	\$14,259.26	\$421.09	\$334.94	\$86.15	\$3,575.68	\$1,056.31	\$13,924.32
	Jun	\$13,924.32	\$421.09	\$336.96	\$84.13	\$3,912.64	\$1,140.44	\$13,587.36

Yearly Schedule of Balances and Payments

Year	Balance	Payments	Principal	Interest	Cumulative Principal	Cumulative Interest	Ending Balance
2013	\$15,579.03	\$5,053.08	\$4,056.74	\$996.34	\$5,977.71	\$1,601.91	\$11,522.29
2014	\$11,522.29	\$5,053.08	\$4,360.73	\$692.35	\$10,338.44	\$2,294.26	\$7,161.56
2015	\$7,161.56	\$5,053.08	\$4,687.60	\$365.48	\$15,026.04	\$2,659.74	\$2,473.96
2016	\$2,473.96	\$2,526.54	\$2,473.96	\$52.58	\$17,500.00	\$2,712.32	\$0.00