

## LOAN PAYMENT RECORD

MONTH	RATE	PAYMENT	INTEREST	PRINCIP	BALANCE
0					90000
1	13.50%	1150	1012.5	137.5	89862.5
2	14.00%	1150	1048.3958	101.60417	89760.896
3			0	0	89760.896
4			0	0	89760.896
5			0	0	89760.896
6			0	0	89760.896
7			0	0	89760.896
8			0	0	89760.896
9			0	0	89760.896
10			0	0	89760.896
11			0	0	89760.896
12			0	0	89760.896
13			0	0	89760.896
14			0	0	89760.896
15			0	0	89760.896
16			0	0	89760.896
17			0	0	89760.896
18			0	0	89760.896
19			0	0	89760.896
20			0	0	89760.896
21			0	0	89760.896
22			0	0	89760.896
23			0	0	89760.896
24			0	0	89760.896

This worksheet records data when the payment and interest can vary monthly. The interest and payment in columns B and C must be manually entered. /DFA4.A28<CR>0<CR>1<CR><CR> is the set Data Fill, and the Copy range for columns E and F extends to row 28, giving two years of data. This range can be extended by changing the 28 to the number of the row desired. The initial loan balance must be entered in cell F4. Formulas are contained within the worksheet. This worksheet works correctly only if the payment made is greater than the interest due. You can use an @IF function to handle cases where the payment does not exceed interest due. Entering the formula @IF(C5>D5,C5-D5,0) in cell E5 ensures that principal paid remains a positive number where payment exceeds the interest due. If payment is less than interest due, you can create a new column to show the additional interest, or you can increase the balance due. Additional @IF tests will handle other variations easily.