

## The monthly payment on a \$1000 installment loan (mortgage)

		Interest Rate							
n \ r	4.0%	4.5%	5.0%	5.5%	6.0%	6.5%	7.0%	7.5%	8.0%
1	85.1499	85.3785	85.6075	85.8368	86.0664	86.2964	86.5267	86.7574	86.9884
2	43.4249	43.6478	43.8714	44.0957	44.3206	44.5463	44.7726	44.9996	45.2273
3	29.5240	29.7469	29.9709	30.1959	30.4219	30.6490	30.8771	31.1062	31.3364
4	22.5791	22.8035	23.0293	23.2565	23.4850	23.7150	23.9462	24.1789	24.4129
5	18.4165	18.6430	18.8712	19.1012	19.3328	19.5661	19.8012	20.0379	20.2764
6	15.6452	15.8740	16.1049	16.3379	16.5729	16.8099	17.0490	17.2901	17.5332
7	13.6688	13.9002	14.1339	14.3700	14.6086	14.8494	15.0927	15.3383	15.5862
8	12.1893	12.4232	12.6599	12.8993	13.1414	13.3862	13.6337	13.8839	14.1367
9	11.0410	11.2776	11.5173	11.7600	12.0057	12.2545	12.5063	12.7610	13.0187
10	10.1245	10.3638	10.6066	10.8526	11.1021	11.3548	11.6108	11.8702	12.1328
11	9.3767	9.6187	9.8645	10.1139	10.3670	10.6238	10.8841	11.1480	11.4154
12	8.7553	9.0001	9.2489	9.5017	9.7585	10.0192	10.2838	10.5523	10.8245
13	8.2312	8.4787	8.7306	8.9868	9.2472	9.5119	9.7807	10.0537	10.3307
14	7.7835	8.0338	8.2887	8.5483	8.8124	9.0810	9.3540	9.6314	9.9132
15	7.3969	7.6499	7.9079	8.1708	8.4386	8.7111	8.9883	9.2701	9.5565
16	7.0600	7.3158	7.5768	7.8430	8.1144	8.3908	8.6721	8.9583	9.2493
17	6.7639	7.0225	7.2866	7.5561	7.8310	8.1112	8.3966	8.6871	8.9826
18	6.5020	6.7632	7.0303	7.3032	7.5816	7.8656	8.1550	8.4497	8.7496
19	6.2687	6.5327	6.8028	7.0789	7.3608	7.6486	7.9419	8.2408	8.5450
20	6.0598	6.3265	6.5996	6.8789	7.1643	7.4557	7.7530	8.0559	8.3644
21	5.8718	6.1412	6.4172	6.6997	6.9886	7.2836	7.5847	7.8917	8.2043
22	5.7018	5.9739	6.2528	6.5385	6.8307	7.1294	7.4342	7.7451	8.0618
23	5.5475	5.8222	6.1041	6.3929	6.6885	6.9906	7.2992	7.6139	7.9345
24	5.4069	5.6842	5.9690	6.2609	6.5598	6.8654	7.1776	7.4960	7.8205
25	5.2784	5.5583	5.8459	6.1409	6.4430	6.7521	7.0678	7.3899	7.7182
26	5.1605	5.4430	5.7334	6.0314	6.3368	6.6492	6.9684	7.2941	7.6260
27	5.0521	5.3372	5.6304	5.9314	6.2399	6.5555	6.8781	7.2073	7.5428
28	4.9521	5.2398	5.5357	5.8397	6.1512	6.4702	6.7961	7.1287	7.4676
29	4.8597	5.1499	5.4486	5.7554	6.0700	6.3921	6.7213	7.0572	7.3995
30	4.7742	5.0669	5.3682	5.6779	5.9955	6.3207	6.6530	6.9921	7.3376

The principal and interest payment on my 30 year, \$100,000, 7% mortgage is  $100 \times 6.653025$  per month, or \$665.30 per month.