

MAGEREZA DT SACCO SOCIETY LTD

LOAN REPAYMENT CALCULATION

1 REDUCING BALANCE

All loans repayable upto 48 months are on reducing balance. This includes

- a) Emergency loans
- b) Express loans
- c) Normal loans
- d) Super saver loans

To get repayment per month = $\frac{\text{Amount of loan}}{\text{period}}$

1% interest is paid separately on reducing balance.

Amount	No. of months				
	12	18	30	36	48
10,000.00	833.33				
30,000.00	2,500.00				
50,000.00	4,166.67				
70,000.00	5,833.33	3,888.89	2,333.33		
80,000.00	6,666.67	4,444.44	2,666.67	2,222.22	
100,000.00	8,333.33	5,555.56	3,333.33	2,777.78	2,083.33
150,000.00	12,500.00	8,333.33	5,000.00	4,166.67	3,125.00
200,000.00	16,666.67	11,111.11	6,666.67	5,555.56	4,166.67
250,000.00	20,833.33	13,888.89	8,333.33	6,944.44	5,208.33
300,000.00	25,000.00	16,666.67	10,000.00	8,333.33	6,250.00
350,000.00	29,166.67	19,444.44	11,666.67	9,722.22	7,291.67
400,000.00	33,333.33	22,222.22	13,333.33	11,111.11	8,333.33
500,000.00	41,666.67	27,777.78	16,666.67	13,888.89	10,416.67
600,000.00	50,000.00	33,333.33	20,000.00	16,666.67	12,500.00
700,000.00	58,333.33	38,888.89	23,333.33	19,444.44	14,583.33
800,000.00	66,666.67	44,444.44	26,666.67	22,222.22	16,666.67
900,000.00	75,000.00	50,000.00	30,000.00	25,000.00	18,750.00
1,000,000.00	83,333.33	55,555.56	33,333.33	27,777.78	20,833.33
1,200,000.00	100,000.00	66,666.67	40,000.00	33,333.33	25,000.00
1,400,000.00	116,666.67	77,777.78	46,666.67	38,888.89	29,166.67
1,500,000.00	125,000.00	83,333.33	50,000.00	41,666.67	31,250.00

2 AMORTIZED

Superloans and Golden loans are amortized whereby loan and interest are combined together. The interest charged is 15% pa (1.25% per month.)

$$\text{SUPER LOAN} = \frac{76.25 * \text{loan amount}}{200} = \text{Total interest}$$

$$\frac{\text{Total Interest} + \text{Loan Amount}}{60} = \text{Repayment per month}$$

$$\text{GOLDEN LOAN} = \frac{91.25 * \text{loan amount}}{200} = \text{Total interest}$$

$$\frac{\text{Total Interest} + \text{Loan Amount}}{72} = \text{Repayment per month}$$

Amount	Super loan 60 months	Golden loan 72 months
300,000.00	6,906.25	
500,000.00	11,510.42	10,112.85
700,000.00	16,114.58	14,157.99
900,000.00	20,718.75	18,203.13
1,000,000.00	23,020.83	20,225.69
1,200,000.00	27,625.00	24,270.83
1,400,000.00	32,229.17	28,315.97
1,500,000.00	34,531.25	30,338.54
1,700,000.00	39,135.42	34,383.68
1,900,000.00	43,739.58	38,428.82
2,000,000.00	46,041.67	40,451.39
2,100,000.00	48,343.75	42,473.96
2,300,000.00	52,947.92	46,519.10
2,500,000.00	57,552.08	50,564.24
2,700,000.00	62,156.25	54,609.38
3,000,000.00	69,062.50	60,677.08