

## Solución repaso parcial

1.)

Tasa	12%	
Año	FNE	
0		
1	\$ -1,800,000.00	
2	\$ -1,800,000.00	
3	\$ -1,800,000.00	
4	\$ -1,800,000.00	
5	\$ -1,770,000.00	
6	\$ -1,740,000.00	\$ 30,000.00
7	\$ -1,710,000.00	
8	\$ -1,680,000.00	
9	\$ -1,650,000.00	
10	\$ -1,620,000.00	
	\$ -9,921,756.68	

2.)

Tasa	1.50%	
Año	FNE	
0	\$ -	
1	\$ 140,000.00	
2	\$ 141,000.00	1.00%
3	\$ 142,410.00	
4	\$ 143,834.10	
5	\$ 145,272.44	
6	\$ 146,725.17	
7	\$ 148,192.42	
8	\$ 149,674.34	
9	\$ 151,171.08	
10	\$ 152,682.80	
11	\$ 154,209.62	
12	\$ 155,751.72	
13	\$ 157,309.24	
14	\$ 158,882.33	
15	\$ 160,471.15	
16	\$ 162,075.86	
17	\$ 163,696.62	
18	\$ 165,333.59	
19	\$ 166,986.92	
20	\$ 168,656.79	
21	\$ 170,343.36	
22	\$ 172,046.80	
23	\$ 173,767.26	
24	\$ 175,504.94	
	\$ 3,120,953.25	

3.)

Tasa 10%

	Ingresos	Gastos	FNE
0		-Q 2,500.00	-Q 2,500.00
1 Q	700.00	-Q 200.00	Q 500.00
2 Q	700.00	-Q 200.00	Q 500.00
3 Q	700.00	-Q 200.00	Q 500.00
4 Q	700.00	-Q 200.00	Q 500.00
5 Q	2,000.00	-Q 300.00	Q 1,700.00
6 Q	2,000.00	-Q 300.00	Q 1,700.00
7 Q	2,000.00	-Q 300.00	Q 1,700.00
8 Q	2,000.00	-Q 300.00	Q 1,700.00
9 Q	2,000.00	-Q 300.00	Q 1,700.00
10 Q	2,000.00	-Q 300.00	Q 1,700.00
		VNA	Q 4,141.93
		PAGO	Q674.08 en miles

4.)

Tasa 10.25%

0	
1 -Q	22,000.00
2 -Q	22,000.00
3 -Q	23,760.00
4 -Q	25,660.80
5 -Q	27,713.66
6 -Q	29,930.76
7 -Q	32,325.22
8 -Q	34,911.24
9 -Q	37,704.13
10 -Q	40,720.46
VNA	-Q 170,166.40
VF	-Q 451,502.13